# ROLLAMO

1948

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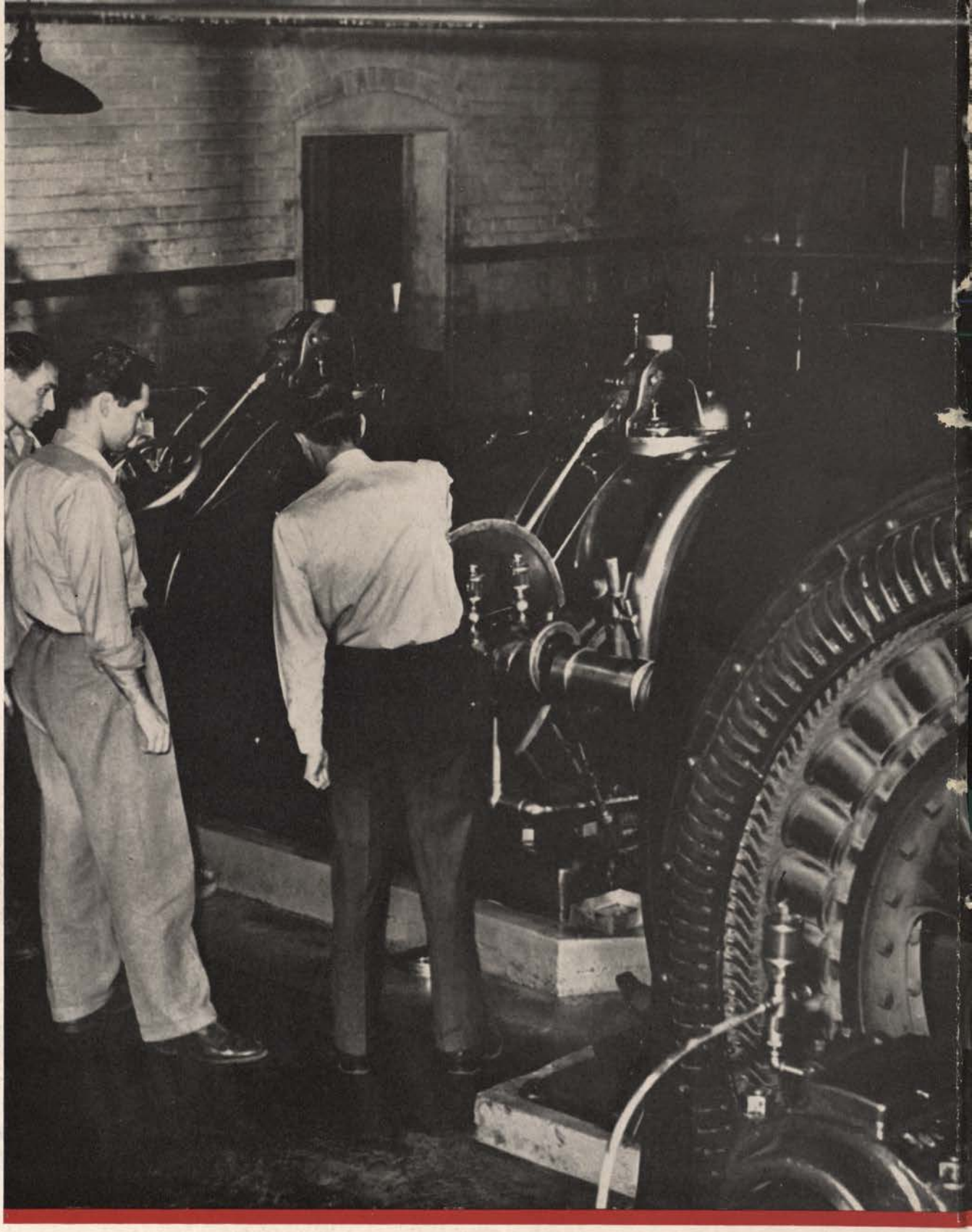
# Volume forty two...

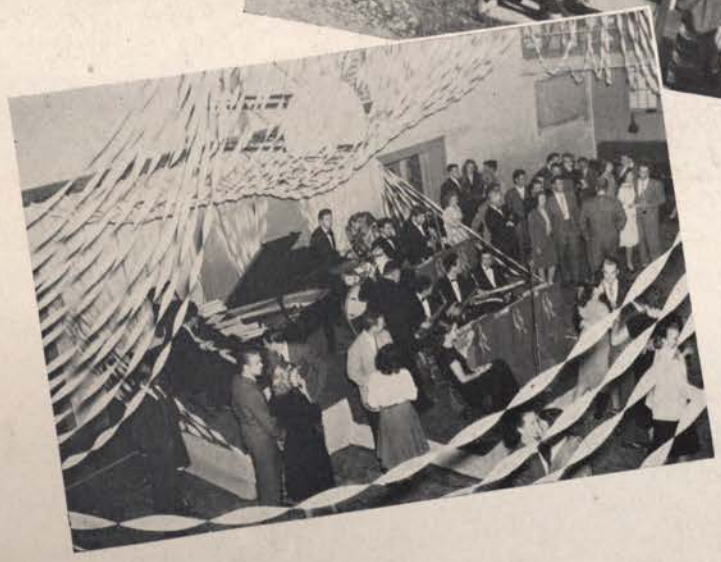


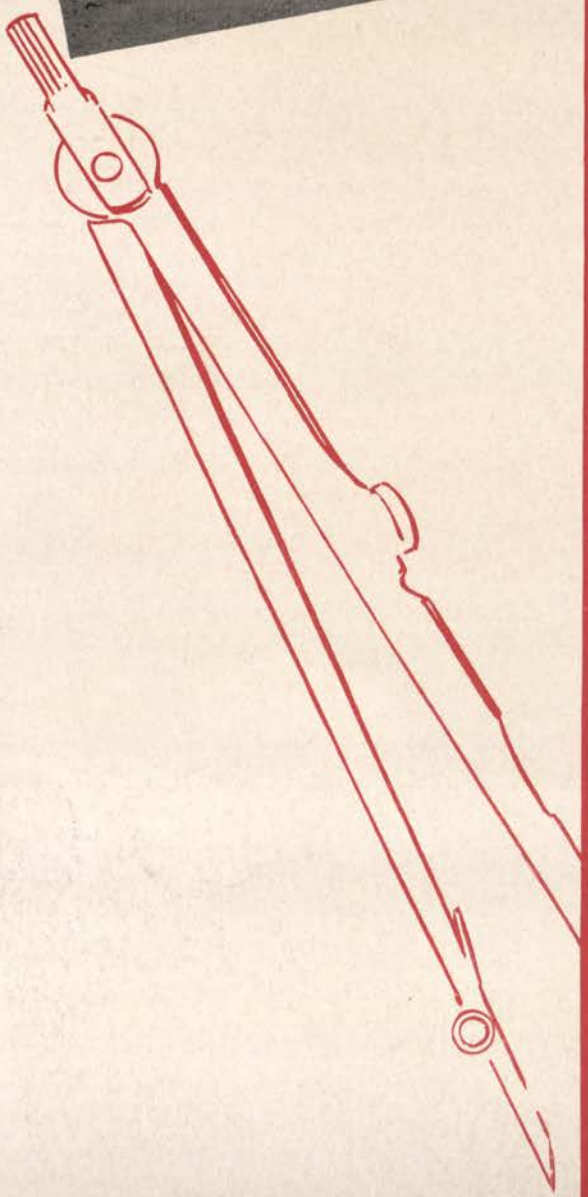
*Editor ..... Bill Weismantel*
*Business Manager .. Reinhold Poppitz*

# the Rollamo 1948 . . .

**of The Missouri School of Mines and Metallurgy**

**Rolla, Missouri**





# Dedication

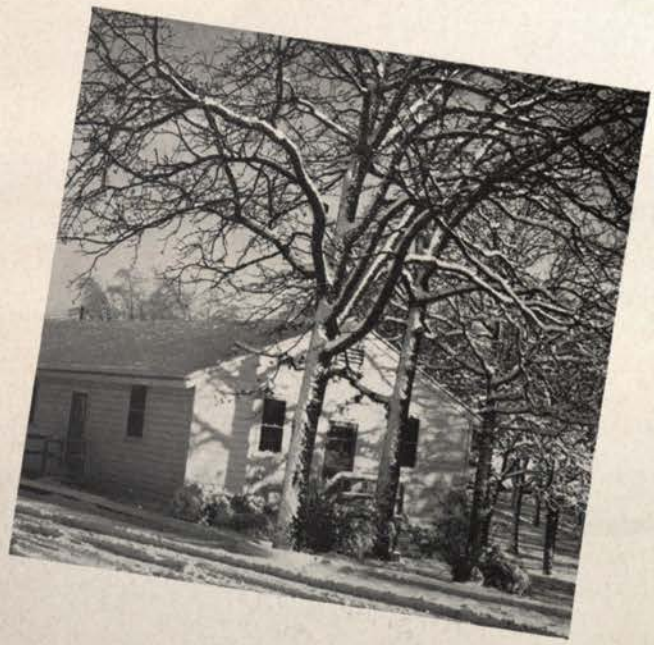
This yearbook is an album of memories which is dedicated to the Graduating Senior.

It is hoped that with the flipping of the pages of this book, each Senior will recall numerous moments of pleasant classroom slumbers, laborious nights of cramming, pernicious quizes, and the climaxes of finals which are bound within it.

Droll? Perhaps! But then, there is the lighter side to recall: boisterous "bull-sessions"; gurgling "beer-busts"; dances—wine, women, and song; "kissin' th' Blarney Stone"; and, all this intersperced with vacations—the pauses that refresh.

To those who follow, the Graduating Senior points to his degree and to his sheepskin—lucrative rewards for the growing pains and the joys which all Miners experience.

To all, this thought is left: The greatness of each lies within the greatness of the whole for on each is built the whole.



# Foreword

**May this book be as colorful as the Miners themselves.....
and as accurate and true as the work the Miners do.**

# Contents

We have collected our data. The report on the events and facts of the past year at the Missouri School of Mines and Metallurgy is presented in five sections:


COLLEGE
This is why we're here.

CLASSES
Six days a week.

SPORTS
The fightin' MISSOURI MINERS.

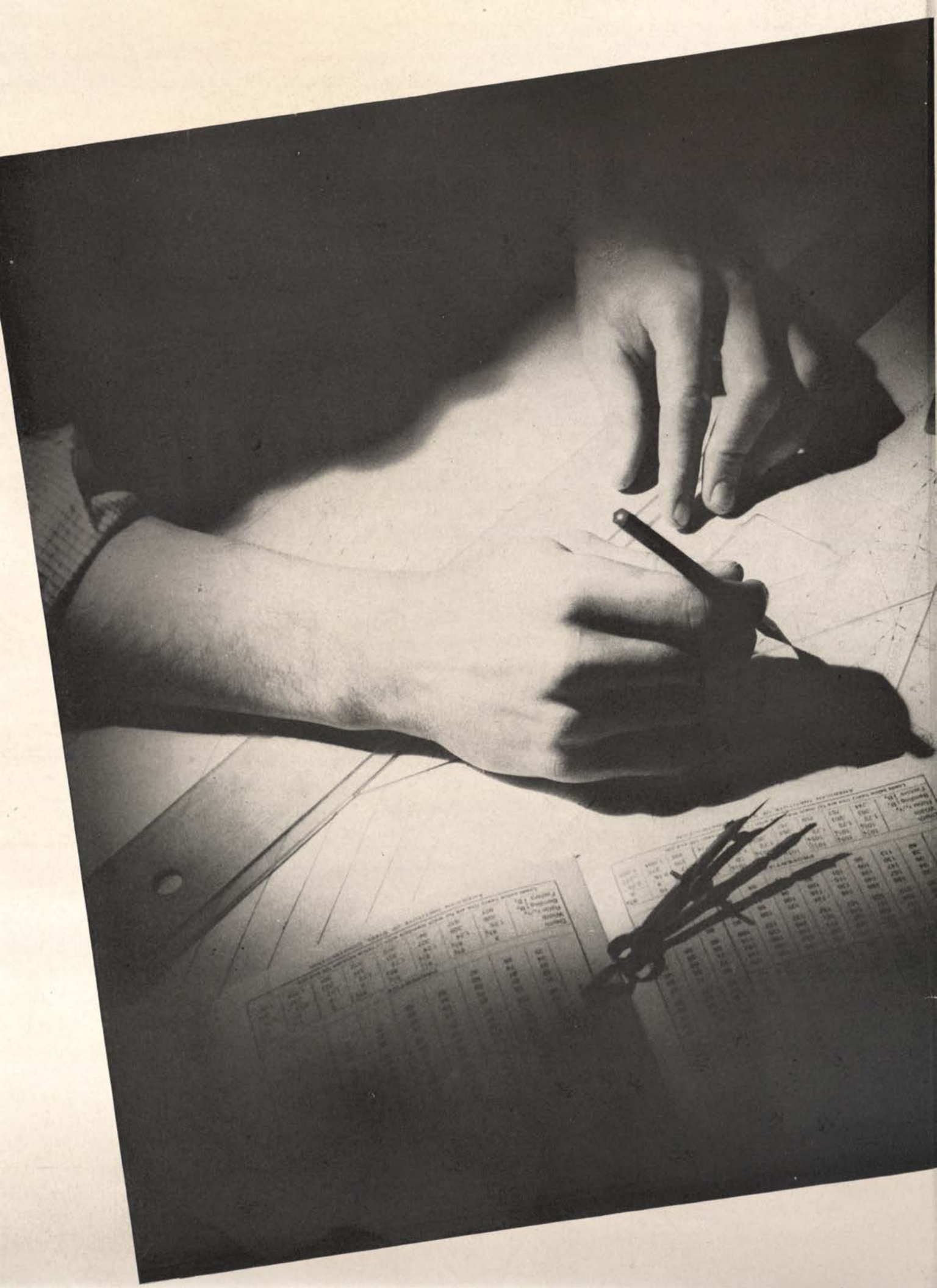
ORGANIZATIONS
Everybody joins.

OCCASIONS
Look! women!

Another school year, 1947-'48 . . . it has been a great year at the School of Mines, a year of near-record enrollment with two and a half thousand Miners struggling to fulfill the exacting requirements of Science and the Engineering Pro-

# Another year...

fession. It has been a year of peace. The nation's youth could concentrate upon education. And the Missouri School of Mines and Metallurgy has once more proven itself to be a truly great technical institution.



# College

This section portrays the COLLEGE . . . those administrators, professors and instructors, along with a growing assortment of facilities and equipment, all separated into Departments and scattered haphazardly throughout an array of functional, odd-shaped buildings, toward which the bleary-eyed Miner trudges each morning.

Extending from the Metallurgy Building on Pine Street to Harris Hall on shaded State Street lies the claim from which the Miners' educational fortunes are dug. The teachers and departments responsible for the enviable standing of the Missouri School of Mines and Metallurgy are featured in this, the COLLEGE section.

# Dean's Residence

# Curtis L. Wilson

## Dean

Surely the student recalls his freshman orientation lecture and the parting words of Dean Wilson's address—"My door is always open."

One readily observes the notorious possession of Dean Wilson, his cream-colored felt hat, clinging to a clothes tree in the far corner of his office. There at his desk, with his radiant personality and integrity—and with his cigarette holder protruding from his left hand—his glittering eyes glued to the batch of papers which his right hand possesses, Dean Wilson sits.

"Today our school is the best school of mines in the world." Much of the tremendous advancements, including the record shattering enrollments, which our school has made during the past decade, should be attributed to the capable efforts of our Dean.

# Rex Z. Williams

## Assistant Dean

Dean Williams, a Rolla product and the protége of the town folks—always a superior student, began his lengthy association with the M.S.M. faculty in the capacity of Instructor of Mechanics in 1931. He was elevated to full Professorship in 1946; and, in the same year, he was appointed Assistant Dean after serving as Acting Dean of the Faculty during Dean Wilson's absences from the campus in 1945 and 1946.

The capable efforts of Dean Williams are unceasingly devoted to the rapid growth and national recognition of M.S.M. The graduating senior will probably remember him with particular appreciation for the work he has done in his capacity as liaison agent between the student body and our prospective employers.

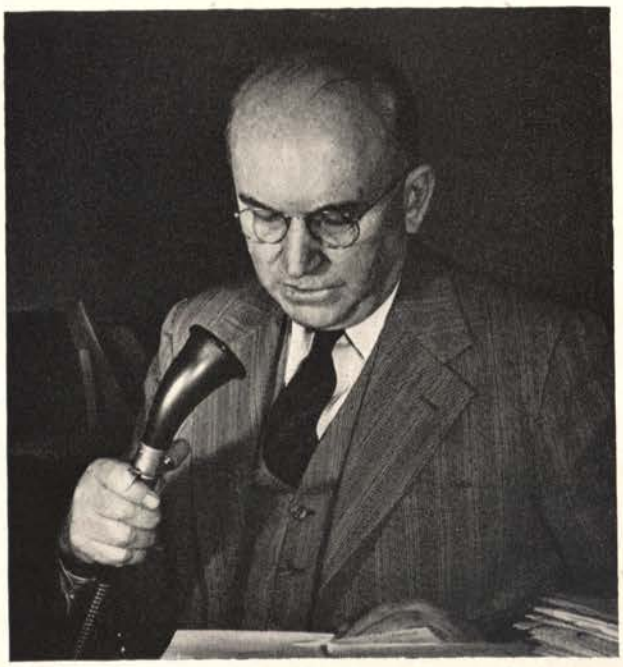
# Noel Hubbard

## Registrar

Mr. Noel Hubbard was appointed registrar of the Missouri School of Mines in 1942, having served as assistant registrar since 1923.

The untiring and relentless efforts of Mr. Hubbard are constantly being utilized during the present period of advancement of our school. The competent guidance and assistance which he and his efficient and well-organized staff extends to each student—from the high school graduate who is applying for admittance to the graduate who is well grounded in engineering principles and is inculcated with humanistic ideals—is appreciated by all concerned.

The student body congratulates their amiable "Ma Hubbard" on his twenty-fifth year of association with the School of Mines.

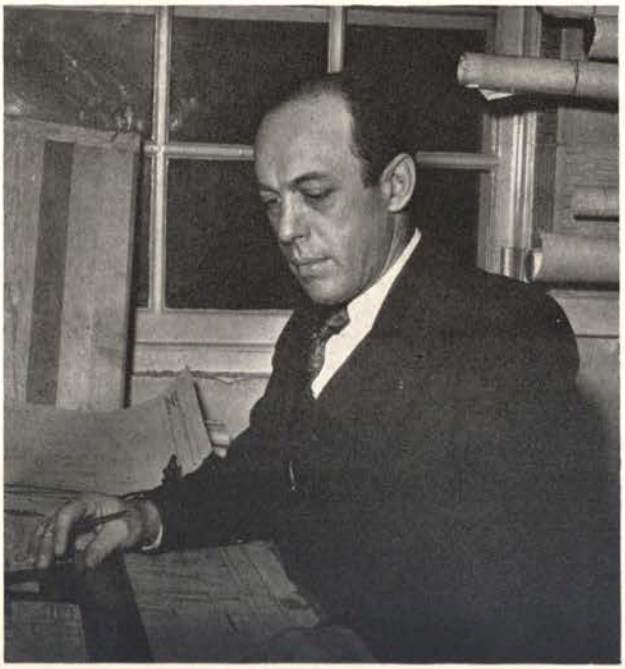


# Harry J. Fields

## Business Manager

Anyone who is familiar with the school's Business Office would not be surprised if Mr. Harry Fields, chief executive of that department, were to suddenly announce, "We have reached our goal. M.S.M. now has the most complicated bookkeeping system in the world!"

Mr. Fields, a graduate of Missouri University, was appointed Business Manager in 1946. The large enrollment and the great amount of purchasing done by the school since that time has meant additional work for the Business Office, and Mr. Fields and his staff are doing an excellent job. The commercial dealings of our growing institution have reached the proportions of big business.



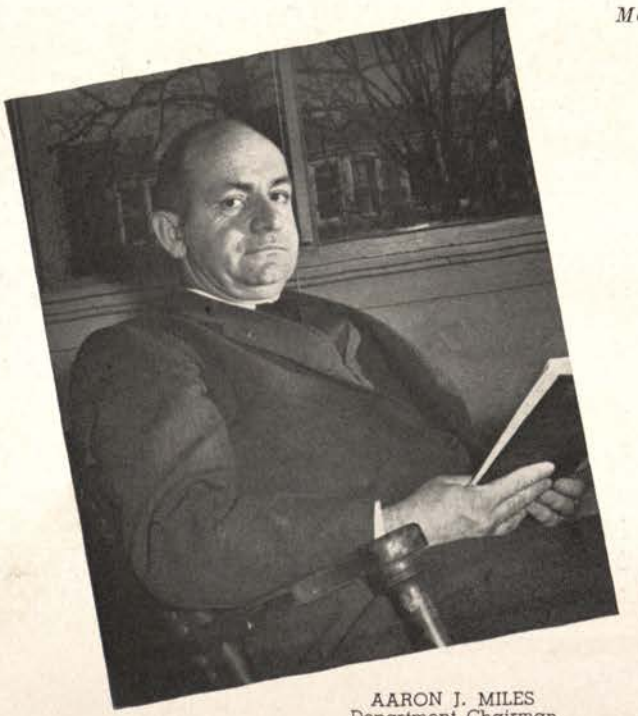
# Ernest P. Hendrix

## Superintendent of Buildings and Grounds

Mr. Ernie Hendrix, Superintendent of Buildings and Grounds, is probably the most versatile executive in Parker Hall. A typical morning might be divided between such administrative duties as dictating letters and such field work as installing a new switchboard in one of the power plants. Whenever a worker on the maintenance crew is faced with an impossible task, especially of an electrical nature, he is liable to scratch his head and say, "Well, I guess I'd better call Ernie."

An electrical contractor by profession, Mr. Hendrix's first job with the School of Mines, in 1943, was in the capacity of electrician.

*Mechanical Hall.*



AARON J. MILES
Department Chairman
Professor of Mechanical Engineering, '30, '43.
B.S., '30; M.S., '31, Missouri School of Mines;
Sc.D., '35, Michigan.

# Mechanical Engineering Department

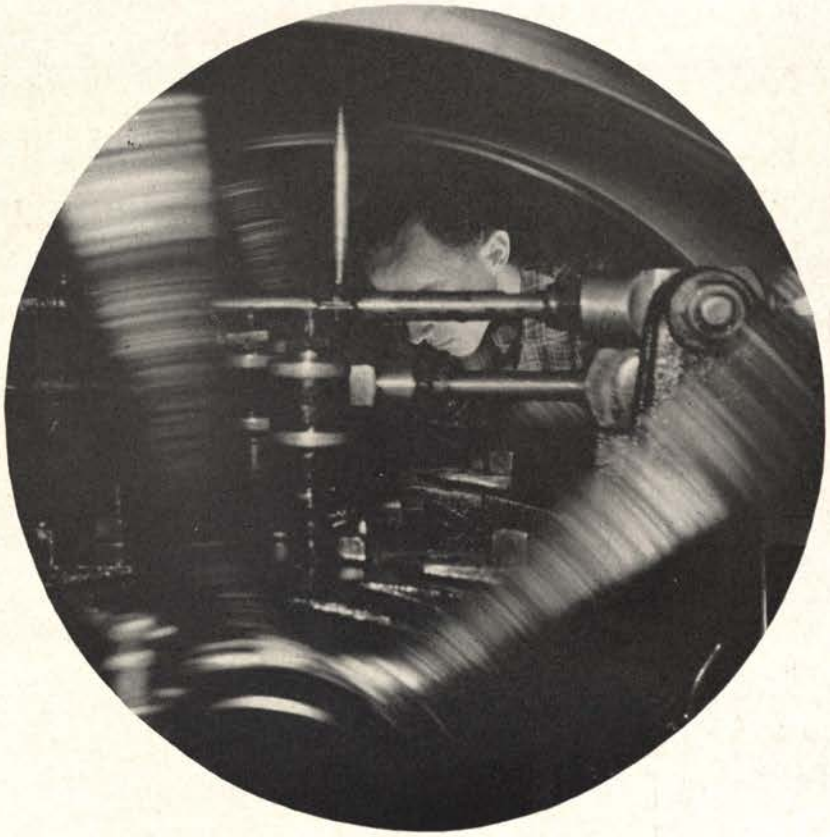
The largest department on the campus this year was the Mechanical Department. Why so many souls prefer to be "Mechs", one will never know. Perhaps it is an undying fascination for good "ole" Mechanical Hall.

Mechanical Hall, "bless its bricks", tries so hard to shelter so much within its odd confines that one cannot walk through its halls without tripping over a

prof, a student, a machine or a hose. In fact, its space has been so expended that prof and student alike scurry for room in which to write quizzes. And many of the labs which provided the rudimentary understanding of practical application have had to be temporarily dispensed with until additional space can be obtained. It is fervently hoped that Mechanical Hall will have an offspring soon to aid in the indoctrination of fresh reserves in the principles of machine design, power plants, heat transmission, aerodynamics, etc. Perhaps you will remember this homey building best of all for the technical discussions carried on around that machine where the little nickels fall; and where you get that "pause that refreshes."

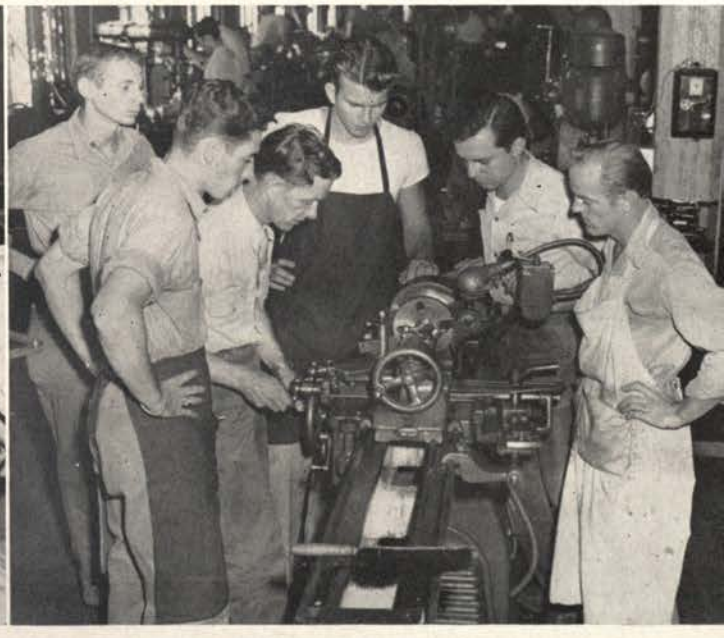
While stumbling through the halls of Mechanical Hall, one may encounter a husky frame wrapped in a brown suit and with a smile, centered around a cigar, hanging from a naturally jovial face. It is said that Dr. Miles, he who assumes the headaches of the Mechanical Dept., teaches aerodynamics, advanced thermo, heat transmission, and other graduate courses when he is not fishing or flying off to some unheard-of locale.

The Mechanical staff includes Mr. "Bull" Cizek, who is undoubtedly the largest personality on the campus. Few departments can say that they have a real humorist such as the M. E.'s Glenn C. Boyer. Prof. Boyer recently dug out his "Joe Miller" joke book and now has entered the field of entertainment as a hobby. And then there are the two wizards, Prof. Kilpatrick, who is the wizard of the machine shop, and Prof. C. J. Young, the wizard of the blackboard.

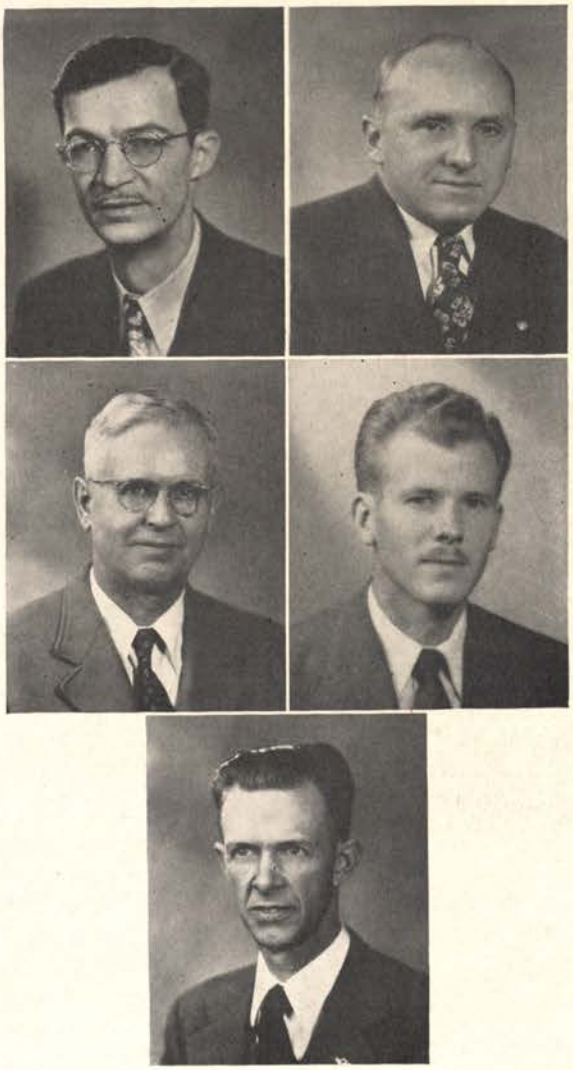


*The trouble-shooter.*

*Learning why.*



*Learning how.*



Boyer
Kilpatrick

Guinnup
Nelson

Thorpe

BAUGH, H. H., B.S. in M.E. '38, M.S. in M.E. '40, Missouri, Assistant Professor of Mechanical Engineering.

BOYER, G. C., B.S. '25, M.E. '32, Montana State College; Associate Professor of Mechanical Engineering.

CHASE, E. C., B.S. in M.E. '47, Wyoming; Instructor of Mechanical Engineering.

CIZEK, F. J., B.S. in M.E. '44, Illinois Inst. Tech.; Instructor of Mechanical Engineering.

GUINNUP, G. R., B.S. in M.E. '32, M.S. '33, Purdue; Assistant Professor of Mechanical Engineering.

KILPATRICK, A. V., B.S. in M.E. '25, M.E. '31, South Dakota State College; Associate Professor of Mechanical Engineering.

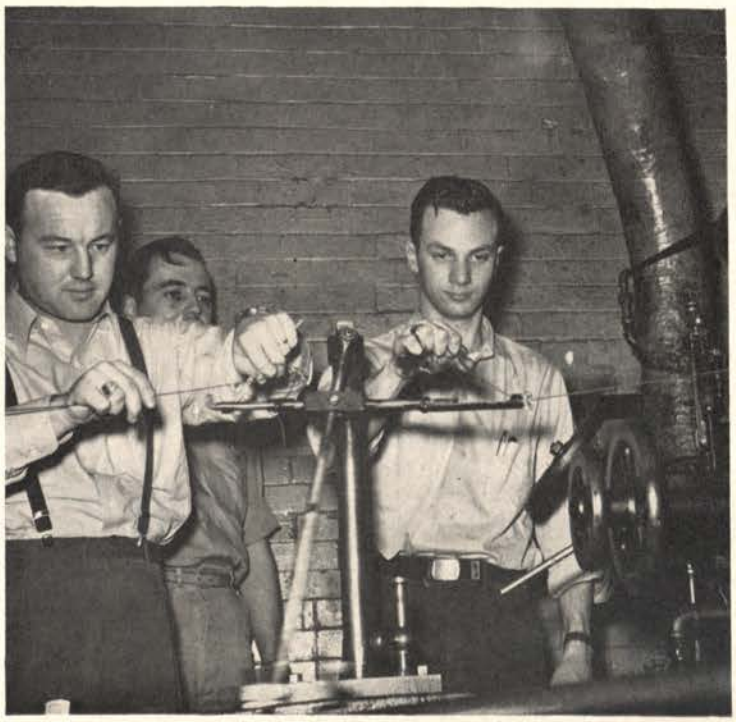
NELSON, L. C., B.S. in M.E. '43, Iowa State; Instructor of Mechanical Engineering.

SCOFIELD, G. L., B.S. in M.E. '46, Purdue; Instructor of Mechanical Engineering

THORPE, C. J., B.S. '35, MSM; Instructor of Mechanical Engineering.

YOUNG, C. Jr., B.S. in M.E. '46, Illinois Institute of Technology; Instructor of Mechanical Engineering.

YOUNG, R. H., B.S. in M.E. '21, Georgia School of Technology; Associate Professor of Mechanical Engineering.



*Power plant experiment.*

# A.S.M.E.

SEVENTH ROW: Wallace, Hyde, Telthorst, Kaneen, Delaney, Gregg, Rauch, Wickizer. SIXTH ROW: Seelig, Clausen, Botkin, Normann, Bennett, Young, Ramsey, Lindquist, Stoecker, Salvo, Ellis, Mooney. FIFTH ROW: Johnson, Smith, Barton, McGovern, Fairchild, Joslin, Kaiser, Boyer, Perry, Wagner, Mathews, Etz, Garthwaite, Harris, Pyle, Bachman, Schirmer. FOURTH ROW: Neustaedter, Condit, Simpkin, Foley, Gereceff, Tennill, Boehme, Wiese, Rekate, Kahtz, Shepherd, Schowalter, Van Stavern. THIRD ROW: Weiberg, Miller, Settgas, Ellenson, Wunnenberg, Wunnenberg, Ochs, McKelvey, Volz, Wunnenberg, Mansfield. SECOND ROW: Presley, Harbison, Goddard, Radford, Hart, Knittel, Wolfarth, Wallace, Tapperson, Steele, Starkweather, Logan, Elsner, Starke, Huff. FIRST ROW: Bruce, Hrach, Carmen, Kreutzer, Walker, Springer, Kracht, Anderson, Heidbrier, Carpenter, Todd, Hutchinson, Trace, Roper.

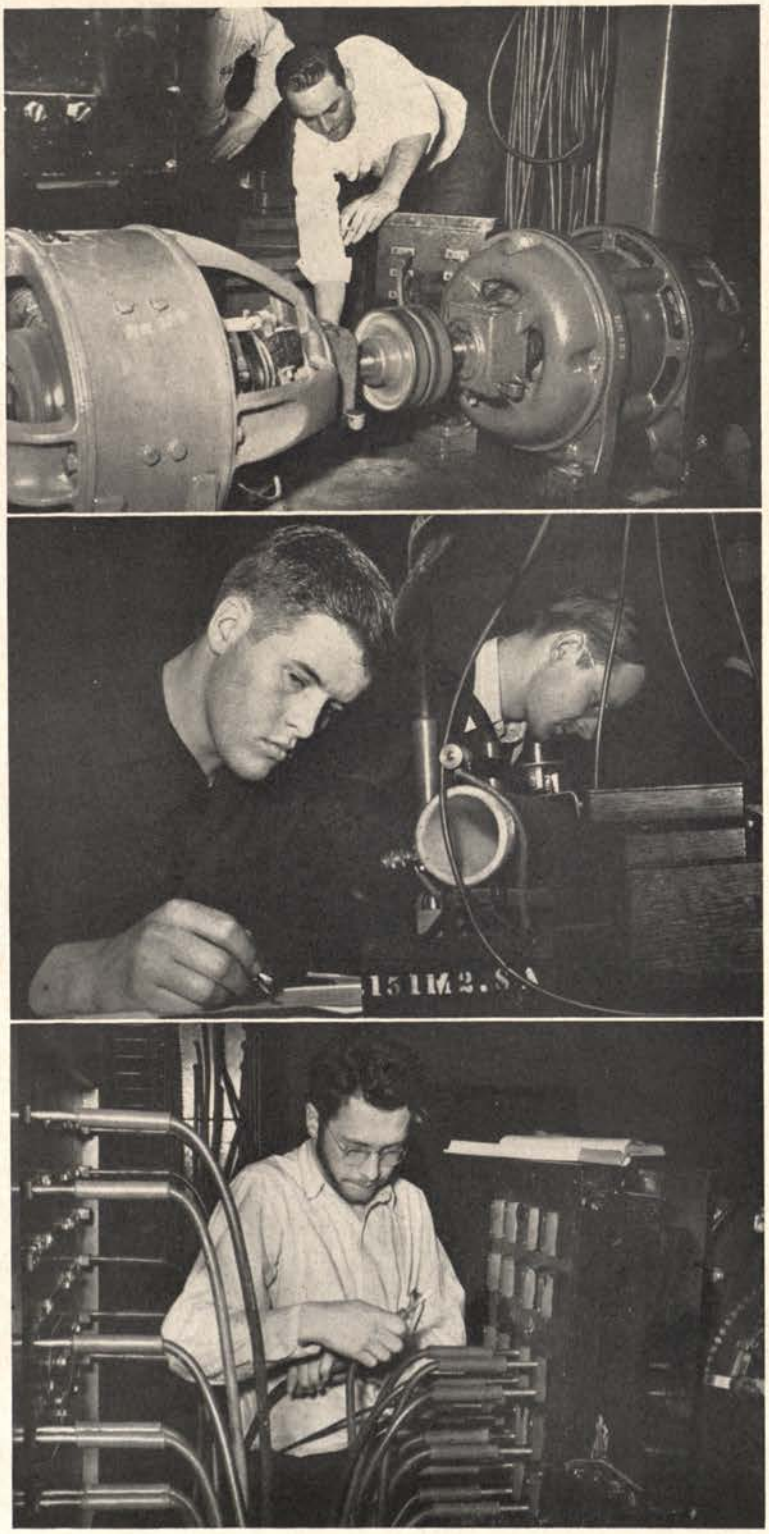
*Meeting room.*
*Consultation.*

OFFICERS

Chairman.....Elmo G. Lindquist
Vice Chairman.....J. W. Wallace
Secretary.....George H. Ramsey
Treasurer.....A. Tapperson, Jr.
Honorary Chairman.....Prof. Glenn C. Boyer

The Student Branch of the A.S.M.E., with membership open to all students enrolled in courses leading to a degree in Mechanical Engineering, is a liaison organization between the students and the practicing Mechanical Engineers. This fact has been demonstrated during the past college year with the appearance before the local section of such outstanding engineers as C. G. A. Rosen, Research Director for Caterpillar Tractor Company; Otto de Lorenzi, Director of Education for Combustion Engineering Company; and Mr. Igor Karassik, Application Engineer in the Pump Division of Worthington Pump and Machinery Corp.

This past year the membership in the Student Branch has reached an all time high of 178. This figure does not include the graduate and faculty members who have taken as much an interest in the organization as have the underclassmen.



*Measuring the work of the electron.*

# Electrical Engineering Department

Have you ever seen an electron jumping? Matter of fact, it jumps around so fast that no one has ever been able to catch it. Perhaps that is the reason the E. E.'s frown when you ask "Why?" and "How?"

What a mess: wires, circuit breakers, meters, machinery, vacuum tubes, and radio circuits. All these are to be found somewhere on the first and basement floors of Norwood Hall. Yep! It's the hang-out of the Electrical Department—the department that teaches us the principles of A.C. and D.C. circuits and machinery, and teaches the E. E.s how to make power and transmit it and how to send Morse through the ether.

The head of the E. E. Department is an "Old Faithful" dating back to 1916, who has a soft-voiced, easy-going personality. Prof. Frame has seen the department grow from infancy to its present state and hopes that, in the near future, he will be able to set up shop in a building all his own. Perhaps then, the electron will be caught and put on exhibition.

*Wires everywhere.*

It seems, however, that Mr. Beatty is the originator of the department's teaching program. He stands before the class and when some poor lost head appears to be coming out of the fog—that's the time, he says, to begin a new chapter.

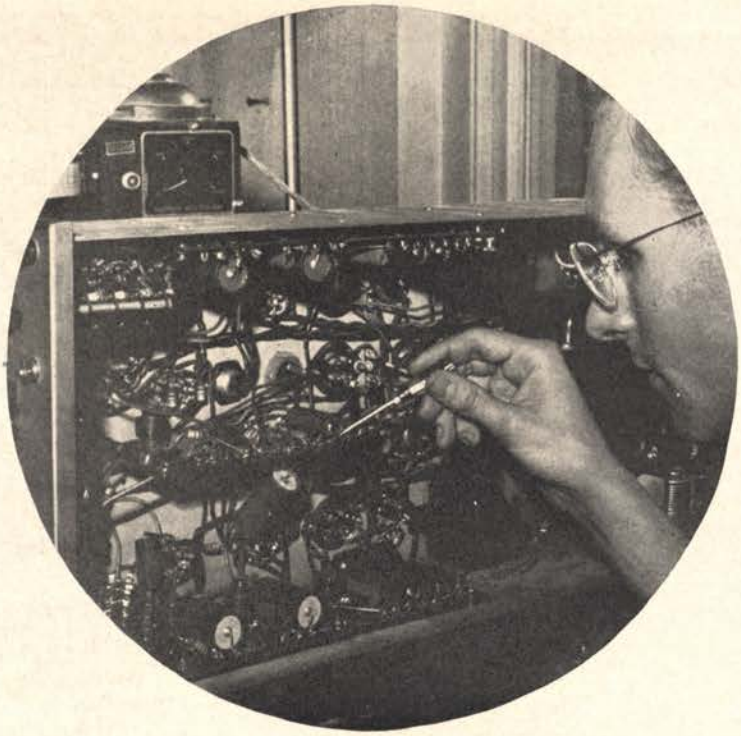
It is said that Mr. Rittenhouse is also a member of the E. E. Department, although this is not too well known, as he was forced to move to a temporary building in a futile effort to isolate his booming voice.

The rest of the faculty tries to adapt the equipment available to the training of hopeful engineers. In this respect, it must be granted that the job is well done.

FLOYD H. FRAME
Department Chairman
Professor of Electrical Engineering, '14, '25.
A.B., '12, Clark; E.E., '24, Worcester Polytechnic Institute.

*Norwood Hall.*

# A. I. E. E.



*Try a hammer.*

| OFFICERS | FALL SEMESTER | SPRING SEMESTER |
|---|---|---|
| Chairman | W. B. Murney | W. B. Murney |
| Vice-Chairman | R. H. Walker | James Kelly |
| Secretary | R. C. Hansen | R. C. Hansen |
| Treasurer | Ronald Emo | Bill Drago |

The American Institute of Electrical Engineers has presented a series of programs during the school year designed, primarily, to acquaint the students of the E. E. Department with the aspects of engineering in industry.

Meetings have included an introductory "Get Acquainted Smoker", a lecture on "Hot Line Maintenance" by a staff member, a talk on "Sales Engineering" by an electrical sales engineer, a discussion of "Measuring Instruments" by a Weston engineer, and "Frontiers in Engineering" by a prominent representative of one of the large electrical manufacturing companies.

The student branch holds an annual banquet at one of the Rolla hotels, usually in the middle of May. About the same time, two students of this branch, selected on merits of a technical paper presented to the faculty, attend the A.I.E.E. Southwest District meeting and present their papers at that meeting.

TOP ROW: Hansen, Haley, Sarzin, Kelley, Drago, Likens, (unidentified), Boutin, Casper, Lawson, Ledbetter, Finney, Westmorland, Messner. MIDDLE ROW: Murney, Emo, Fliehman, (unidentified), Costley, Hartmann, Ecklund, Mathews, Janczewski, Carter, Ryan, Pomeroy, Corbett, Rains, Montalto, Hackmann, Fraser, McNichols, Prof. Lovett. BOTTOM ROW: Procton, Miller, Martin, Schamburg, Poppitz, (unidentified), (unidentified), Adams, Mallon, Rieder, Schmidt, Heitzeberg, Hogland.

# Electrical Department

BEATTY, F. B., B.S. '29, MSM; M.S. '34, Georgia Tech.; Associate Professor of Electrical Engineering.

CAPPECK, J. W., B.S. in E.E. '45, Illinois Institute of Technology; Instructor of Electrical Engineering.

FEIST, W. E., Dipl. Eng. E.E. '26, Institute of Technology, Berlin-Charlottenburg; Assistant Professor of Electrical Engineering.

FORD, W. A., B.S. '38, MSM; Instructor of Electrical Engineering.

GRAY, P. M., B.S. in E.E. '22, North Carolina; Assistant Professor of Electrical Engineering.

HAMMANN, J. W., Instructor of Electrical Engineering, '46, 47; B.S. in E.E. '36, Purdue.

JOHNK, C. T. A., B.S. '41, Shurtleff; B.S. '42, MSM; Instructor of Electrical Engineering.

LOVETT, I. H., S.B. '14, MIT.; E.E. MSM; M.S.E. '28, Michigan; Professor of Electrical Engineering.

MONTGOMERY, R. M., B.S. in E.E. '44, Missouri School of Mines; Instructor of Electrical Engineering.

RITTENHOUSE, J. W., B.S. in E.E. '39, Purdue; Instructor of Electrical Engineering.

SKITEK, G. G., B.S. '43, MSM; Instructor of Electrical Engineering.

WHEAT, R. D., B.S. in E.E. '44 Missouri School of Mines; Instructor of Electrical Engineering.

Feist
Hamman
Montgomery

Ford
Lovett
Rittenhouse

Skitek

*"How do you turn it on?"*

# A.I.M.M.E.

*Cold weather officers.*

The Student Chapter of the American Institute of Mining and Metallurgical Engineers was founded on this campus to advance the knowledge of mining and metallurgy among its members, to promote a greater interest in these professions, and to bring the students into closer relationship with industry. Prominent members of the mining and metallurgical professions present the latest developments in their fields and answer questions at the meetings.

OFFICERS

President.....G. H. Moline
Vice-President.....R. Banks
Secretary.....J. E. Beezley
Treasurer.....G. E. Joffee
Faculty Advisor.....Dr. A. W. Schlechten
Counselor.....Dr. E. L. Clark

FOURTH ROW: Falk, Cady, East, Mudd, Niemeste, Frick, Whaley, Hoffman, Hartman, Mahan, Chubb, Morlock, Lenzini, Niewoehner. THIRD ROW: Schaeffer, Sheth, Quinn, Copeland, Harter, Smedsland, Deichmann, Den Boer, Cox, Soja, Foster, Dr. Eppelsheimer, Knobb, Williams, Grimsley, Harter, Carron. SECOND ROW: Herder, Bruzewski, Brundige, Moline, Banks, Joffe, Reynolds, Crosby, Enochs, Cornelius, Spahr. FIRST ROW: Rodriquez, Skedzeleski, Flori, Jacoby, Appelbaum, Olsen, Rous, Marcus, Keeton.

*Mining Building.*

# Mining Engineering Department

A-rig-a-de-dig! Picks, safety shoes, helmets and carbide lamps—here come the Miners, streaming from that unimpressive building that was miraculously converted from a warehouse. This is the home of the Mining Department, rich in tradition and famous throughout the world. Many of the department's lab courses are conducted at the school's full-scale mine. This mine is fully equipped, but yields a very pure form of worthless Ozark hardpan.

The Petroleum Engineering students, who never seem to finish their course in the standard four years, are guided by an experienced oil man, Prof. F. A. Graser.

J. DONALD FORRESTER
Department Chairman
Professor of Mining Engineering, '44.
B.S., '28, Utah; M.S., '29, Ph.D., '35, Cornell.

# Mining Engineering

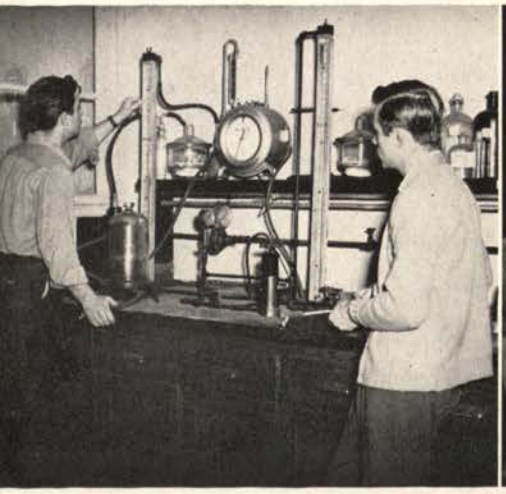
Carmichael
Graser
Shaffer

Prof. Graser, known to be somewhat of a perfectionist, takes a personal interest in each of his students.

Prospecting and Development, Mine Production Methods, Surface and Underground Surveying, Mine Evaluation, Safety and Ventilation—all serious matters to the future Exploitation Engineer. For these Miners the bow-tied department chairman, Dr. J. D. Forrester, is the foremost authority.

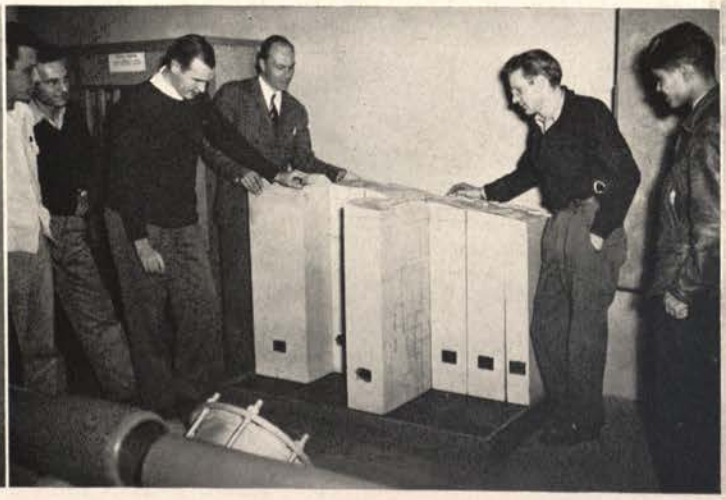
The Mining Geologist differs from the Exploitation Engineer in that he picks around finding the minerals while the latter blasts the stuff out in great quantities. The education that a Mining Geologist gets is essentially the same as that of the Exploitation Engineer with the exception that more geology is included.

Graduates of this department are spreading the fame of the School of Mines throughout all parts of the world.



*Looking for calories.*

*Drilling.*



*Model of a mine.*

# Department

*Miner turns Civil.*

BRUZEWSKI, R. F., B.S. in Min. '47, Missouri School of Mines; Instructor of Mining Engineering.

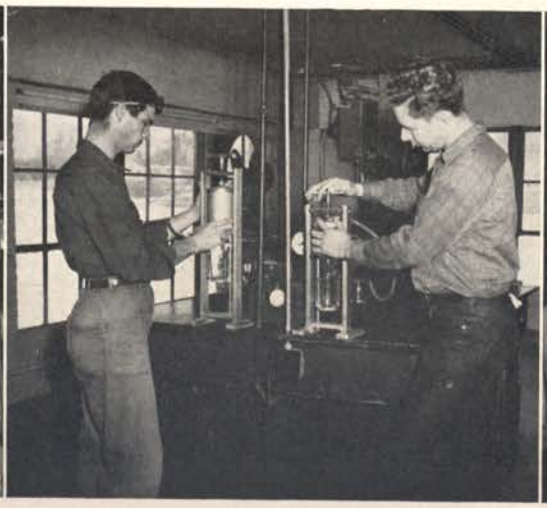
CARMICHAEL, R. L., B.S. '44, M.S. '47, Missouri School of Mines; Instructor of Mining Engineering.

GRASER, F. A., B.S. '24, California; Associate Professor of Petroleum Engineering.

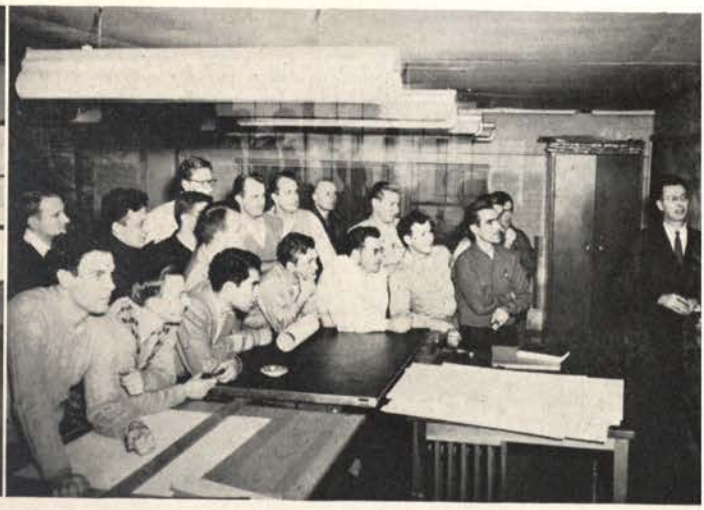
SHAFFER, L. E., B.S. '30, E.M. '46, Iowa State College; Associate Professor of Mining Engineering.

VINE, W. A., B.S. in Min.E. '42, E.M. '47, Columbia; Instructor of Mining Engineering.

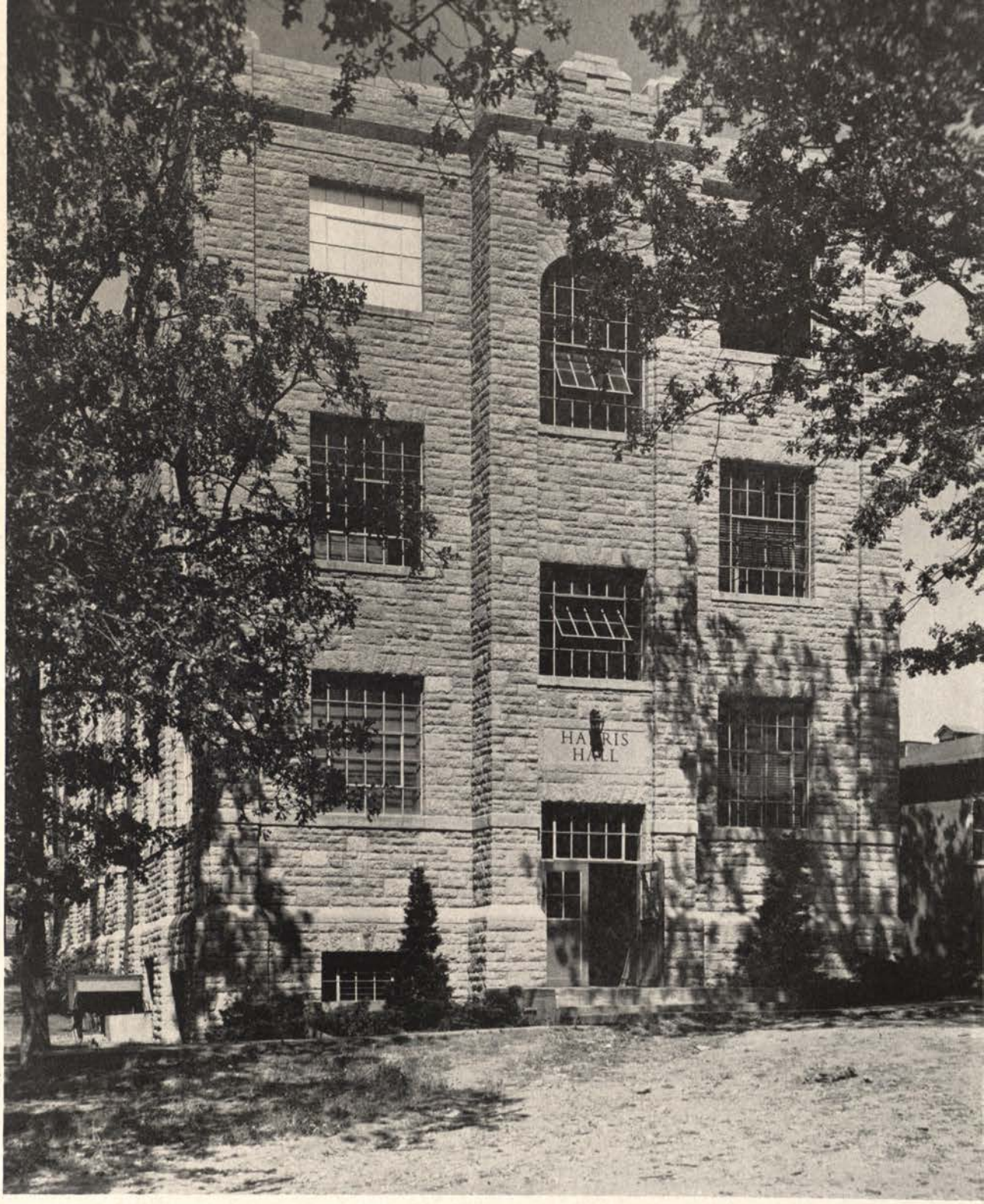
*Mine surveying.*



*Miners, obviously posing.*



*You learn something new every day.*




*Harris Hall.*

# Civil Engineering Department

Every year a few freshmen decide that all C. E. subjects cannot be as distressing as Elementary Surveying and cast their lot with the Civil Department. They soon discover that such courses as Surveying and Highway Materials lab only serve to introduce the real professional studies—Stresses in Framed Structures, Concrete Design, Bridge Design, Water Supply and Sewage, etc.

The department's activities are centered in Harris Hall, a sturdy dolemite building completed in 1940; but the department's surveyors and highway planners can be found making their minute calculations anywhere from the Nagogimi Road to the Bench Mark on Pine Street. Lab facilities in Harris Hall cover work in Hydraulics, Materials Testing, Soil Mechanics, and Bacteriology.

Head of the C. E.'s is Prof. J. B. Butler, who has been with M.S.M. since 1920. His special interest is Hydraulics, but Prof. Butler has been spending his time of late thinking up new ways to partition the rooms in Harris Hall.

Leader in the Structural Engineering field is the "Skipper", Prof. E. W. Carlton, staunch proponent of Professional Engineering. Other specialists include Prof. V. A. C. Gevecker, Soil Mechanics expert and amateur horticulturist; Prof. Roy Bremer, the ardent bacteriologist; and Prof. C. W. Eshbaugh, whose impenetrable, curse-provoking, true-false quizzes are becoming legendary.

JOE BEATY BUTLER
Department Chairman
Professor of Civil Engineering, '20, '31.
B.S. in C.E., '15; B.S. in Ed., '24, Oklahoma A. & M.;
C.E., '22; M.S. in C.E., '24, Missouri School of Mines.

*Concrete design.*

*Advanced surveying.*

FIFTH ROW: Rousseau, H. Telthorst, Bay, Miller, Loyd, Bermel, East, McKinney, Shaw, Schoenenberg, Ferguson, Johnson, Swartz, Schneider, McCord, Fitzpatrick, Neustaedter, Leaver. FOURTH ROW: (Unidentified), Rhoads, Tucker, Schmitt, (Unidentified), Franklin, Bartels, Fisher, Marshall, Smith, Lukrofka, Fahs, McGuire, Thurman, Cooper, Prof. Carlton, Prof. Butler, Wicker. THIRD ROW: Benn, Danzer, Copeland, Swoboda, D. Smith, Bushman, Kruse, Prof. Becker, Prof. Weinel, Leake, Chaffin, Watkins. SECOND ROW: Carney, Warren, Bullock, Berry, Weber, Ellis, O'Neill, Barkley Hoffman, Boaz, Raymer, Bowman, Knigge. FIRST ROW: Schultz, Vansant, Warsing, Findlay, Wirfs, Moe, Raining, Robbins, Collar, Wurth Shaffer.

# A. S. C. E.

OFFICERS

President.....Don C. Collar
Vice-President.....Harvey B. Leaver
Secretary.....Audie V. Cardin
Treasurer.....Joe C. East

FACULTY MEMBERS

J. B. Butler
E. W. Carlton
V. A. C. Gevecker
L. Hershkowitz
E. A. Weinel

*Look at the P.S.I.!*

*Live load.*
*Dead load.*

The Missouri School of Mines Student Chapter of the American Society of Civil Engineers accomplishes its purpose of acquainting all interested students with modern civil engineering practices and developments by inviting outstanding professional men as featured speakers at the society meetings.

Under the sponsorship of Professor E. W. Carlton and capable officers, the society has had a very successful year, being selected by national headquarters as the outstanding student chapter of this area. Two of the outstanding events of the year were the chapter's attendance of the Missouri Society of Civil Engineers meeting in St. Louis featuring the National President of the American Society of Civil Engineers, and the annual Spring Outing.

# Civil Engineering

BECKER, A. A., B.S. in C.E. '47, MIT; Instructor of Civil Engineering.

BREMER, R., A.B. '29, Hope; M.S.P.H. '40, Michigan; Assistant Professor of Civil Engineering.

BROADBENT, E. R., B.S. '40, Oklahoma A&M; Instructor of Civil Engineering.

CARLTON, E. W., B.S., M.E., M.S. Indus. Ed. '26, Colorado Agriculture College; B.S., C.E. '26, B.S., G.E. '35, MSM; Professor of Civil Engineering.

DUBA, J. G., B.S. in C.E. '47, Washington University; Instructor of Civil Engineering.

ESHBAUGH, C. W., B.S. '25, Kansas State College; Assistant Professor Civil Engineering.

GEVECKER, V. A. C., B.S. in C.E. '31, MSM; M.S. in C.E. '37, Calif. Inst. Tech.; Assistant Professor of Civil Engineering.

HEARTZ, F. R., B.S. in C.E. '44, New Hampshire; Instructor of Civil Engineering.

HERSHKOWITZ, L., B.S. '41, MSM; Instructor of Civil Engineering.

KIMMICK, E. J., B.C.E. '47, Ohio State; Instructor of Civil Engineering.

McKINNEY, G. G., B.S. in C.E. '43, MSM; Instructor of Civil Engineering.

PLETZ, R. C., B.S. in M.E. '47, MSM; Instructor of Civil Engineering.

ROBERTS, J. K., B.S. in C.E. '47, Oklahoma; Instructor of Civil Engineering.

WEGENER, W. F., B.S. in C.E. '47, MSM; Instructor of Civil Engineering.

WEINEL, E. A., B.S. '44, MSM; Instructor of Civil Engineering.

*How to get the right answer.*

Becker
Eshbaugh
Hershkowitz
Pletz

Carlton
Heartz
McKinney
Weinel

*The Chemical Engineering Building.*

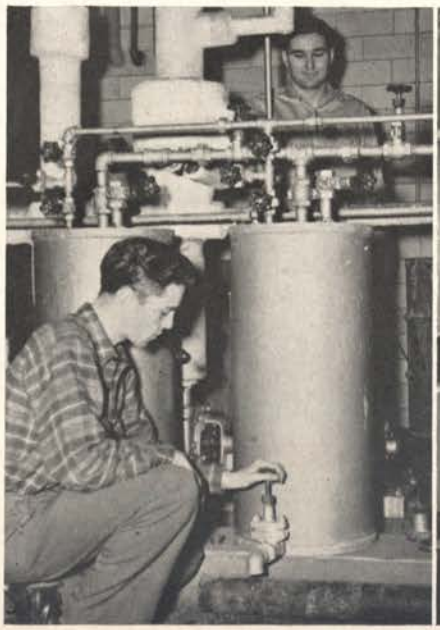
# Chemical Engineering Department

The Chemical Engineering Department teaches Elementary Chemistry to all freshmen and supplements the courses of other departments with Advanced Chemistry and Chemical Engineering classes. Furthermore, the department offers degrees to any strong young men who can survive four years of lab courses in which opening windows to let fumes out and air in is unethical because it disturbs the delicate balances. When the young man believes that having undisturbed balances is more important than breathing, he is awarded a degree.

The spring of 1948 had a special significance to the Chemical Engineering Department—construction on the other half of their major building was begun. Upon completion the pipe fitters will again run amuck, stuffing a maze of red, white and blue pipes into every corner. To the Parents' Day crowd the Chemical Engineering equipment appears to be a colorful conglomeration of pipes, but to the young Chemical Engineers every joint means another calculation.

Chief of the test-tube artists is Dr. W. T. Schrenk, a congenial individual who insists upon waking slumbering Miners. His staff includes such fine chemists and teachers as the pipe-smoking, bridge-playing Prof. C. H. Conrad. Then there is Dr. E. D. Fisher and Prof. K. K. Kershner, who can usually be found in Room 103, old Chemistry Building, busy convincing dozens of freshmen that they aren't college material.

WALTER T. SCHRENK
Department Chairman
Professor of Chemical Engineering, '23, '29.
B.S., '15, Monmouth; M.S., '19, Ph.D., '22, Wisconsin.



*Chemical Engineering Lab.*

*Organic synthesis.*

*Heat exchanger.*

# A. I. Ch. E.

*Profile of a Chem.*

OFFICERS

President.....E. Van Amburg
Vice-President.....C. Hudson
Secretary.....J. Jackson
Treasurer.....J. Withrow

The Ira Remson Society was organized on the M.S.M. campus on October 11, 1923. This society was granted a charter in the American Institute of Chemical Engineers and became a branch of this organization in March, 1939.

The organization was founded with the purpose of extending the practical knowledge of chemistry to the students and promoting a greater interest in chemical engineering. Prominent men of science and industry are invited to address the society whenever possible.

Membership in this organization is open to all students who may have an interest in the ever fascinating panorama of modern chemistry and chemical engineering.

BACK ROW: Shatto, Miller, Brown, Jameison, Carter, Young, Isringhouse, Gosen, Driscoll, Schweder, Middler, Lowder, Bailey, Sullivan, Hampson. SECOND ROW: Maag, (unidentified), Miles, (unidentified), Schmitt, Commerford, Petersen, Casselman, Knecht, Detjen, Kingsland, Van Amberg, Klemme, Wetzel, Helwig, Ryan. FIRST ROW: Jackson, Roderique, Hemme, Brice, Puleo, Hiatt, Stahl, Hudson, Booth, Withrow, Hoppe.

# Chemical Engineering

COLLIER, E. H., B.S. '30, Missouri; Instructor of Chemical Engineering.

CONRAD, F. H., B.S. '23, Ph.D. '34, Washington; Associate Professor of Chemical Engineering.

CORNWALL, R. R., B.S. '45, M.S. '46, Washington University; Instructor of Chemical Engineering.

FAHIEN, R. W., B.S. in Ch.E. '47, Washington University; Instructor of Chemistry.

FISHER, E. D., B.S. '31, Dakota Wesleyan; Ph.D. '35, Wisconsin; Assistant Professor of Chemical Engineering.

KERSHNER, K. K., B.S., M.S. in Chem. E. '20, MSM; Professor of Chemistry.

LEVY, D. J., B.S. in Ch.E. '48, Washington University; Instructor in Chemical Engineering.

MONROE, C. J., S.B. '17, Ph.D. '21, Chicago; Associate Professor of Physical Chemistry.

ROEMER, T. J., B.S. in Ch.E. '43, M.S. in Ch.E. '47, MSM; Instructor of Chemical Engineering.

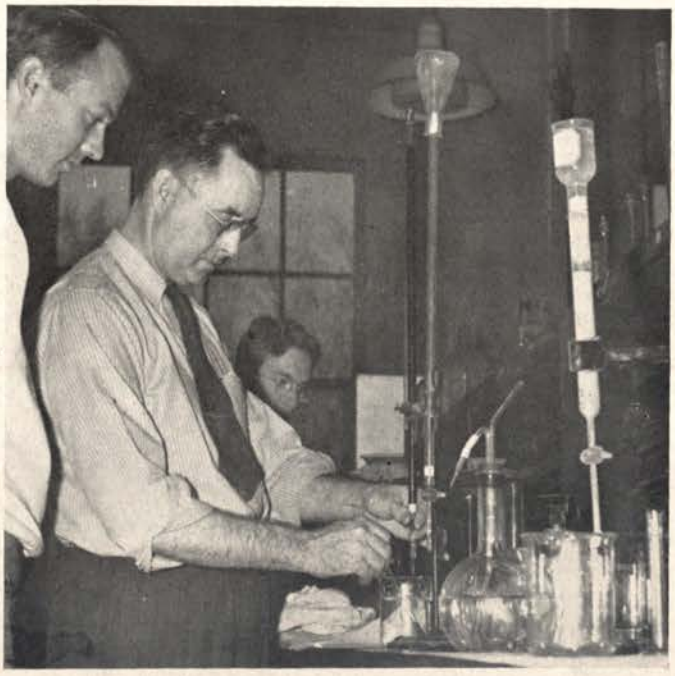
RUDERT, K. E., B.S. in Ch.E. '44, MSM; Instructor of Chemical Engineering.

SJOBERG, J. W., B.S. in Ch.E. '44, MSM; Instructor of Chemical Engineering.

WEBB, W. H., B.S. '35, Miss. State College; M.S. '39, MSM; Instructor of Chemical Engineering.

Collier
Conrad
Kershner
Levy

Cornwall
Fahien
Monroe
Rudert



*Learning the Collier way.*

*The Metallurgy Building.*

# Metallurgical Engineering Department

The members of the Metallurgy Department personify the reality that science cannot explain all the phenomena which are involved in the various metallurgical industrial processes. You see, science has yet to explain all the actions of the staff and the student body of the Metallurgy Department.

Why is it that Met. students and profs. take particular pride in their small number; yet, continually try to induce the rest of the student body to change to their department? Again, they persistently laud their building and its equipment while they continually plead for another department's space and a new furnace. Perhaps a quick look at the M.S.M. Bulletin will cast light on the subject. Could it be that a certain monotony of courses—Introduction to Metallurgy, Mineral Dressing, Metallurgy of Iron and Steel, Fire Assaying, Principles of Metallurgy, and still more Met.—might be the answer?

When the Met.'s aren't bragging or complaining, it seems that they are running around the states. There are many zinc smelters and refineries in the southwest; and, after all, Prof. Hanley is one of the

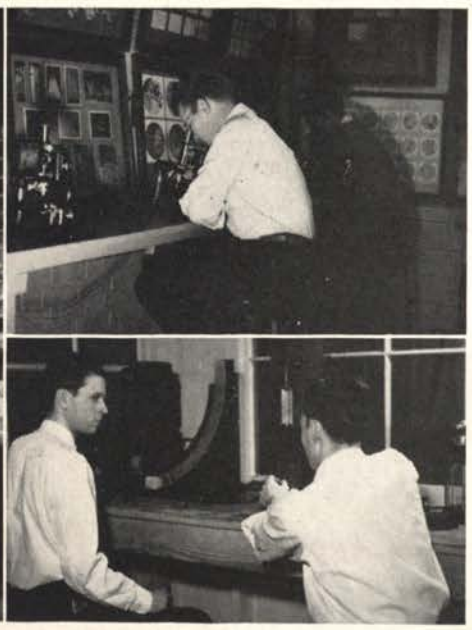
foremost zinc authorities in the world. If it isn't zinc, then it may be bringing a long lost alumnus back into the fold so that he may send a first issue stamp to Prof. Clayton; or merely seeking metal lographical meteoroids for the M.S.M. disciple of Dr. Savuer, Dr. Eppelsheimer. Then again, they might be looking for someone, other than Mr. Legsdin, who can solve progressions by the "square root from two."

Metallurgy is a science as well as an art. The capable Dr. Schlechten, chairman of the department, and the sober-minded Dr. Straumanis, research professor of metallurgy, particularly exemplify the traits of the pure scientist.

Still, industries employ artisans to carry out operations that textbooks cannot explain. Consequently, the little man in the basement of the Met. building enjoys a lot of popularity for you can always hear, "Ask Sam. He knows."

ALBERT W. SCHLECHTEN
Department Chairman
Professor of Metallurgical Engineering, '46.
B.S. in Met.E., '37, Montana School of Mines;
Sc.D., '40, M. I. T.

*The art of fire assaying.*



*It moved!*
*"P Met" tests.*

# Metallurgy

Clayton
Hanley

Eppelsheimer
Legsdin

Morris

CLAYTON, C. Y., B.S. Met. '13, Met.E. '16, MSM; Professor of Metallurgy.

EPPELSHEIMER, D. A., B.S. '32, Harvard; D.Sc. '35, Harvard; Associate Professor of Metallurgy.

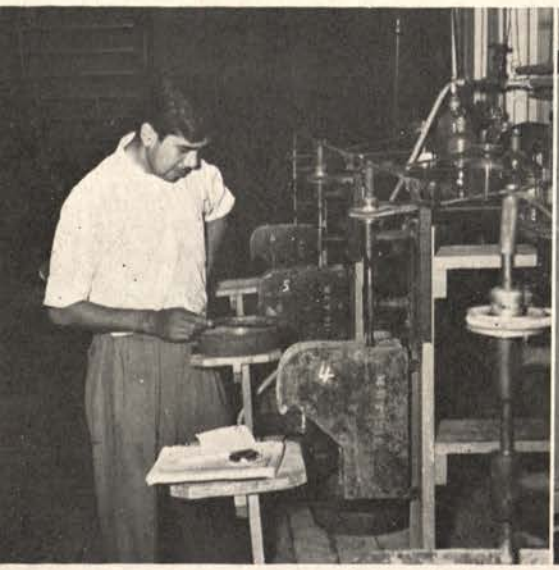
HANLEY, H. R., B.S. Mining E. '01, Met.E. '18, MSM; Professor Emeritus of Metallurgy.

LEGSDIN, A., E.M. '23, Freidberg Mining Academy; M.S. '33, Columbia; Associate Professor of Mineral Dressing.

MORRIS, T. M., B.S. in Min.E. '38, M.S. '40, Columbia; Instructor of Metallurgical Engineering.

STRAUMANIS, M. E., Engr.-Chem. '25, Dr. Chem. '27, University of Riga, Latvia; Research Professor of Metallurgy.

WALSH, D. F., B.E. in Met. '23, M.S. '24, MSM; Assistant Professor of Metallurgy.



*Watch that Mercaptan!*

*Hoffman the baker.*

*How much argol?*

# American Society for Metals

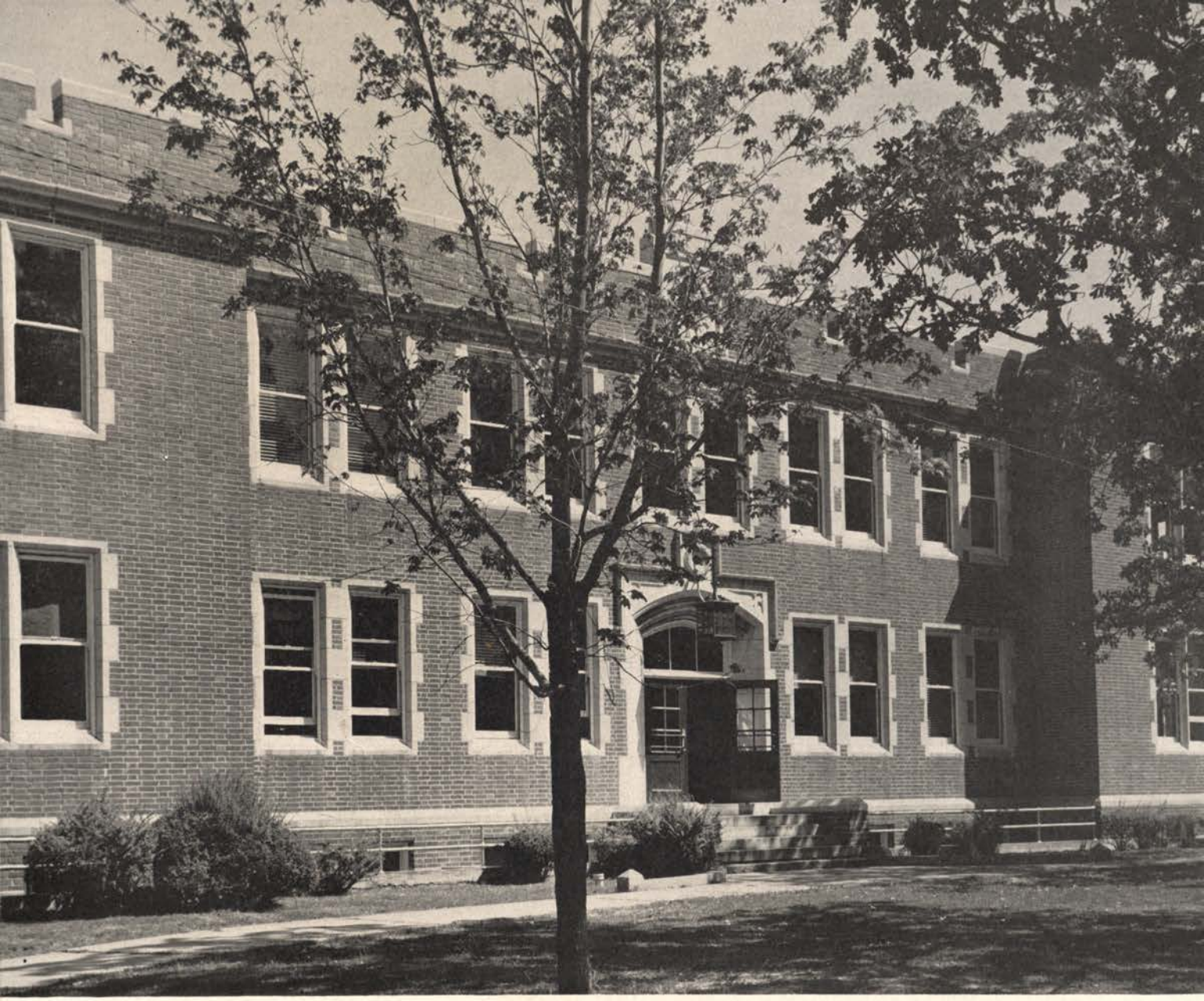
The American Society for Metals is an association for students in Metallurgical Engineering which helps to acquaint them with developments in the metal industries. The organization gives the students access to innumerable technical books and various other reference material. The main function of the organization is that it gives the student direct contact with men in industry so that he can learn what to expect in industry and what industry expects of him. The organization is so designed nationally that student members may retain their membership after graduation.

*You elected us!*

OFFICERS

Chairman.....J. C. Vogt
Vice-Chairman.....J. E. Reynolds
Treasurer.....R. E. Nowlin
Secretary.....J. D. Allen

THIRD ROW: Smedsland, Krainess, Rock, Hoffman, Moline, Cornelius, Bradford, Whaley, Hartmann, Hollmann, Stegemeier, Mattes, Savu. SECOND ROW: Chubb, Den Boer, Carron, Reynolds, Vogt, Allen, Schwartz, Szumachowski, Pounds, McGowan, Siracusa, Epplesheimer, Cox. FIRST ROW: Littell, Hayase, Brundige, Frick, Glasgow, Whanger, Enochs, Soja, Mahan, Niewoehner, Crosby.



PAUL G. HEROLD
Department Chairman
Professor of Ceramic Engineering, '36, '44.
B. Cer. E., '31, M.S., '32, Ph.D., '34,
Ohio State University.

# Ceramic Engineering Department

M.S.M. is one of the few colleges in the United States offering degrees in Ceramic Engineering. The Ceramics course, which features more laboratory work than any other department, concentrates on the study of clay and clay products.

The stuff takes a wide variety of forms, and has uses ranging from refractory linings for furnaces to bathtubs and exotic china and jasper ware. That such a study is rewarding may be illustrated by the fact many of the graduates of this department have entered business for themselves.

The department is headed by Dr. Paul G. Herold a conscientious gentleman with a receding hairline. Ably assisted by Prof. W. Knapp and T. J. Planje, Dr. Herold is directing one of the best departments of its kind in existence.

*What's cooking?*

PLANJE, T. J. M., B.S. in Ceramics '40, MSM; Instructor of Ceramic Engineering.

KNAPP, W. J., B.S. '39, Alfred; Sc.D. '42, M. I. T.; Assistant Professor of Ceramic Engineering.

*Test bars.* *Molding.*

Knapp
Planje

BACK ROW: Smith, Hoey, McKinnis, Grotefendt, Hay, Cohen, Fentzke, Patterson, E. Mueller, Padfield, Prof. Planje. THIRD ROW: Giltner, Brady, Hasko, Brassfield, Mornin, Hyatt, J. Mueller, Knudson, Simmons, Evans. SECOND ROW: Schroeder, Rous, McClelland, Evans, Dr. Herald, Hughes, Zvanut, M. Paul. FRONT ROW: Prof. Knapp, Bixby, Kawaguchi, Michael, Laird.

# American Ceramic Society

*A.C.S. Hallowe'en scenes.*

OFFICERS

President.....I. R. Evans
Vice-President.....R. L. Mornin
Secretary.....A. P. Annis
Treasurer.....W. P. Hughes
Advisor.....Dr. P. G. Herold

In 1937 M.S.M. Student Branch of the American Ceramic Society was activated by students in Ceramic Engineering, who at that time composed the local "Orton Society".

The purpose of the organization is to bring students of Ceramic Engineering into a closer bond of fellowship and to bring others interested in the industry into closer contact with it. In this regard, the organization sponsors meetings at which motion pictures concerned with the ceramic industry are shown and interesting talks are made by men prominent in the field.

The society, thus, serves in the capacity of correlating social and intellectual activities of its members.

# Keramos

THIRD ROW: Hoey, J. Mueller, Prof. Knapp, Brady, Giltner. SECOND ROW: Hasko, Brassfield, Mornin, Hyatt, Prof. Planje, Dr. Herold, E. Mueller. FRONT ROW: Kawaguchi, Cohen, McKinnis, Padfield, Laird, M. Paul.

OFFICERS

President.....James I. Mueller
Vice-President.....E. P. Hyatt
Secretary.....H. C. Brassfield
Treasurer.....E. E. Mueller
Historian.....C. L. McKinnie, Jr.

Keramos is a national professional ceramic engineering fraternity. At present there are eight chapters throughout the country.

The student members of the organization are chosen on their records of scholarship, character, ideals and promise of success in the ceramic field.

The Missouri chapter of Keramos was established on the campus in the summer of 1947.

# Missouri Academy of Science

The purpose of the Missouri Academy of Science is to co-ordinate the scientific interests of the members and to disseminate scientific knowledge.

Each year, a state-wide meeting of the Missouri Academy of Science is held so that students of one college may exchange ideas with those from another college.

This year's meeting was held ta Harris Teachers College, with one of the M.S.M. members, Fred Springer, presiding as State President. Ralph Johnston, another local member, was elected State Secretary for the coming year, and Dr. C. V. Mann of Rolla was reappointed chairman of the Committee on College Science Clubs.

SECOND ROW: Smith, Parks, Wehrenberg, Van Buskirk, Isbell, Turner, Tyrer, Gokenbach.
FIRST ROW: Springer, Taylor, Schowengerdt, Hrach, Johnson, Niewoehner, Stegmeier.

OFFICERS

President.....Stan Hrach
Vice-President.....R. E. Johnston
Secy.-Treas.....E. E. Schowengerdt

Members not in picture:

J. Needham.....P. Bermel
G. Shelton.....W. A. Schaeffer

*Rolla Building.*

*"In science read by preference the newest works, in literature the oldest. The classic literature is always modern."—BULWER-LYTTON.*

# Humanities and Social Studies

SAMUEL H. LLOYD, JR.
Department Chairman
Professor of Economics, '21, '46.
A.B., '18, DePauw; M.S., '21, Missouri School of Mines.

Audrain
Christy
Furr
Henning
Lynch
Phillips

Brewer
Capps
Garner
Jelinek
Murphy
Steinmeyer

Cagg
Derbak
Goold
Koch
Moulder
Steinbach

"Why do I have to take 'dis stuff?" is the Miners' reaction to the Humanities course. The department, by means of a few required subjects, has the thankless task of liberalizing and humanizing the engineering curriculum. In addition to the fundamental aim of teaching the use of good oral and written English, courses in Economics, History, Languages, Psychology, Accounting and Industrial Sciences are offered.

AUDRAIN, J. P., B.A. '25, M.A. '36, Oklahoma; Instructor of English.

BREWER, J. M., B.Ed. '35, Southern Illinois; M.A. '42, Illinois; Instructor of English.

CAGG, M. H., B.S. '17, A.B. '20, Ohio U.; M.A. '21, Ohio State; Associate Professor of English.

CAPPS, F. H., A.B. '43, Central College, Fayette; M.A. '47, University of Chicago; Instructor of Economics.

CHRISTY, C., B.A. '44, Colorado; Instructor of English.

CRUMPLER, H. A., B.J. '41, Missouri; Instructor of English.

DERBAK, J., B.Ed. '47, Southern Illinois; Instructor of Economics.

FURR, W. C., B.S. '38, Delta State Teachers; Instructor of English.

GARNER, M. L., B.S. '41, Indiana University; Instructor of Economics.

GOOLD, R. H., B.S. '25, M.S. '30, Illinois; Instructor of Economics.

HENNING, O. A., A.B. '13, A.M. '15, Central Wesleyan; Professor of Languages.

JELINEK, J. J., B.S. '37, Illinois; M.A. '40, Northwestern; Associate Professor of English.

KOCH, J. A., B.S. '39, Illinois; Instructor of Economics.

LYNCH, D. S., B.A. '42, William Jewell, Instructor of English.

MOULDER, K. M., B.S. '35, Drury College; Instructor of English.

MURPHY, W. J., Ph.B. '42, University of Detroit; M.A. '44, University of Kansas City; Instructor of English.

PHILLIPS, W. R., B.Ed. '39, Southern Illinois State Normal; M.A. '42, Illinois; Instructor of English.

ROBERTS, C. N., B.S. '35, M.A. '36, Missouri; Instructor of History.

STEINBACH, A. C., B.S. in Ed. '37, University of Cincinnati; M.A. '47, Ohio State; Instructor of English.

STEINMEYER, J. A., B.J. '34, Missouri; Instructor of English.

# Mathematics

Bonnell
Eck
Jester
Kerr
Cosart
Grimble
Johnson
Lee
Schuman

BONNELL, C. R., B.S. '46, Central Missouri State; Instructor in Mathematics.

COOPER, C. E. Sr., B.S. in Ed. '23, Central Missouri State; Instructor in Mathematics.

COSART, E. L., B.S. '25, Northwest Oklahoma Teachers; M.A. '32, Columbia; Instructor in Mathematics.

DENNIE, F. E., B.S. in C.E. '09, Brown; Associate Professor of Mathematics.

ECK, R. A., B.S. '43, MSM; Instructor of Mathematics.

ERKILETIAN, D. H., A.B. '36, Western Kentucky State Teachers; M.A. '38, Illinois; Associate Professor of Mathematics.

EVANS, M. B., B.S. '47, Michigan; Instructor in Mathematics.

GOODHUE, E. A., A.B. '17, Amherst; B.S. '20, Calif. Inst. Tech.; M.S. '27, MSM; Associate Professor of Mathematics.

GRIMBLE, R. E., A.B. '46, Vanderbilt; Instructor in Mathematics.

JESTER, E. E., A.B. '28, Indiana; A.M. '33, Columbia; Instructor in Mathematics.

JOHNSON, C. A., B.Ed. '37, Northern Illinois State Teachers; M.A. '40, Northwestern; Instructor of Mathematics.

KERR, R. H., A.B. '29, Southwest Missouri State Teachers; Instructor of Mathematics.

LEE, R. E., B.S. '42, Missouri Valley; Instructor of Mathematics.

LOOMIS, O. L., B.S. '32, A.M. '33, Missouri; Instructor of Mathematics.

SCHUMAN, E. K., LL.B. '18, University of Missouri; B.S. in C.E. '20, Missouri School of Mines; Instructor of Mathematics.

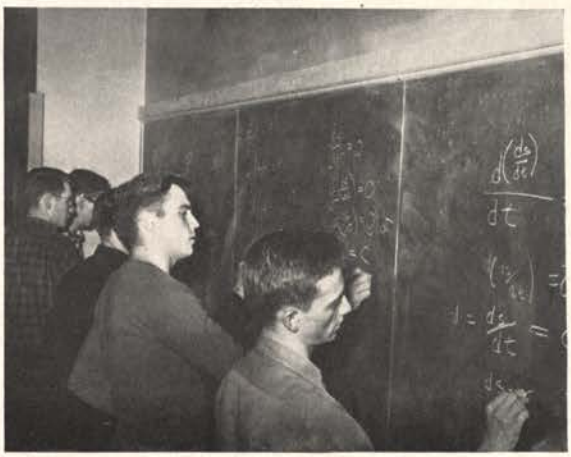
TUCKER, J. L., A.B. '40, William Jewell; M.A. '42, LSU; Instructor of Mathematics.

WEST, E. B., B.S. in Ed. '48, Missouri Valley College; Instructor of Mathematics.

ZUPSICH, M., A.B. '39, Illinois College; M.A. '46, Illinois; Instructor of Mathematics.

*Advanced Math.*

# Department



*Miner meets Calculus.*

ROLFE M. RANKIN
Department Chairman
Professor of Mathematics, '22, '46.
A.B., '16, Maryville (Tenn.); A.M., '22, Chicago;
B.S. in C.E., '27, Missouri School of Mines.

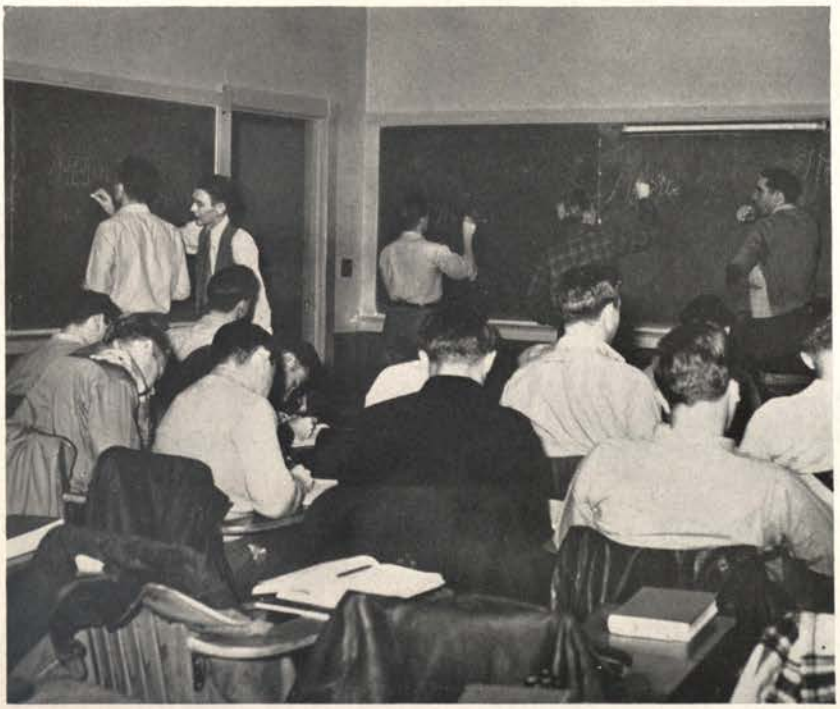
From freshman to graduate student, the campus is plagued by this infernal new idea called "Math".

The story behind this development is rather interesting: It seems that one night a fellow had a vision that two and two makes four. Unfortunately, this discovery started a chain reaction which resulted in algebra, trignometry, geometry, analytical geometry, differential and integral calculus, and even differential equations. Now, almost everything that is done involves some sort of calculation; and, if there is an ungoverned movement, give them time, someone will dream up an equation for it.

The activities of the Math. Department is focused on the second deck of the old Chemical Building; but its tentacles reach out and encompass practically every building on the campus.

The main body of this department that teaches us to play with numerals is headed by a man, who with his grey hair and wistful grin, is a philosopher, mathematician and wit. Of course Mr. Rankin is not the Math. Department; but he is the main attraction—what graduating senior who has had him in class will ever forget this sterling character?

May we, in passing, also tip our hats to Profs. Dennie, Goodhue, Erkiletian, and the rest of the boys. That we remember anything at all about these various complex numeral systems is a credit to the teaching ability of these mathematical wonders.



*The problems always seem easier sitting down.*

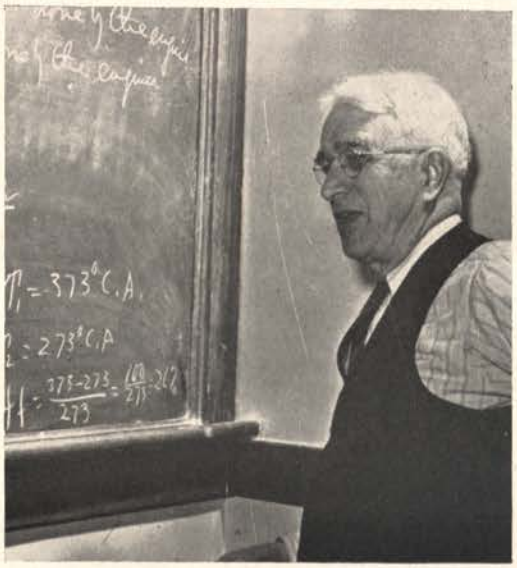
# Physics Department

*The battle with the tangent galvonometer.*

Ever since that fateful apple fell on Sir Isaac Newton's noble noggin, the study of physics has been a matter of concern to all good engineering sophomores—Miners no exception. From that first question of motion has come four distinct fields: Mechanics, Light, Electricity and Magnetism, and Heat. The advent of nuclear physics in the past decade has necessitated the adding of this study, which deals with the basic relationships of energy and matter.

The main office of the Physics Department is located on the first floor of Norwood Hall; however, its subsidiaries are scattered to remote regions on the campus.

Almost as much an institution as his department is Dr. Leon E. Woodman. Perhaps this stems from the days of long ago when he was the whole department. Doc is the originator of the course in Theory of Measurements, but he is probably better



LEON E. WOODMAN
Department Chairman
Professor of Physics, '19.
A.B., '99, A.M., '02, Dartmouth;
Ph.D., '10, Columbia.

known for teaching his second semester students to tune pianos.

Under Dr. Woodman's directorship, M.S.M. has a brilliant staff of physicists who aim to give the struggling engineering student a solid foundation in that science fundamental to engineering.

BURGER, J. M., A.B. '39, M.A. '40, Kansas; Instructor of Physics.

BUTTREY, J. W. Jr., A.B. '43, Southeast Missouri State; Instructor of Physics.

FULLER, H. Q., A.B. '28, Wabash; A.M. '30, Ph.D. '32, Illinois; Professor of Physics.

HARVALIK, Z. V., B.A. '26, State R. G. College, Prague; M.S. '30, M.A. '34, D.Sc. '33, University of Prague, Czechoslovakia; Associate Professor of Physics.

HOOVER, W. C., B.S. in Ed. '26; M.S. '36, Kansas State Teachers; Instructor in Physics.

HOLLAND, C. R., B.S. '43, Southeast Missouri State Teachers; Instructor of Physics.

JENSEN, W. J., A.B. '20, Carleton College; A.M. '22, Illinois; Associate Professor of Physics.

LEAVER, L. E., B.S. in Ed. '25, Warrensburg Teachers; A.M. '29, Missouri; Assistant Professor of Physics.

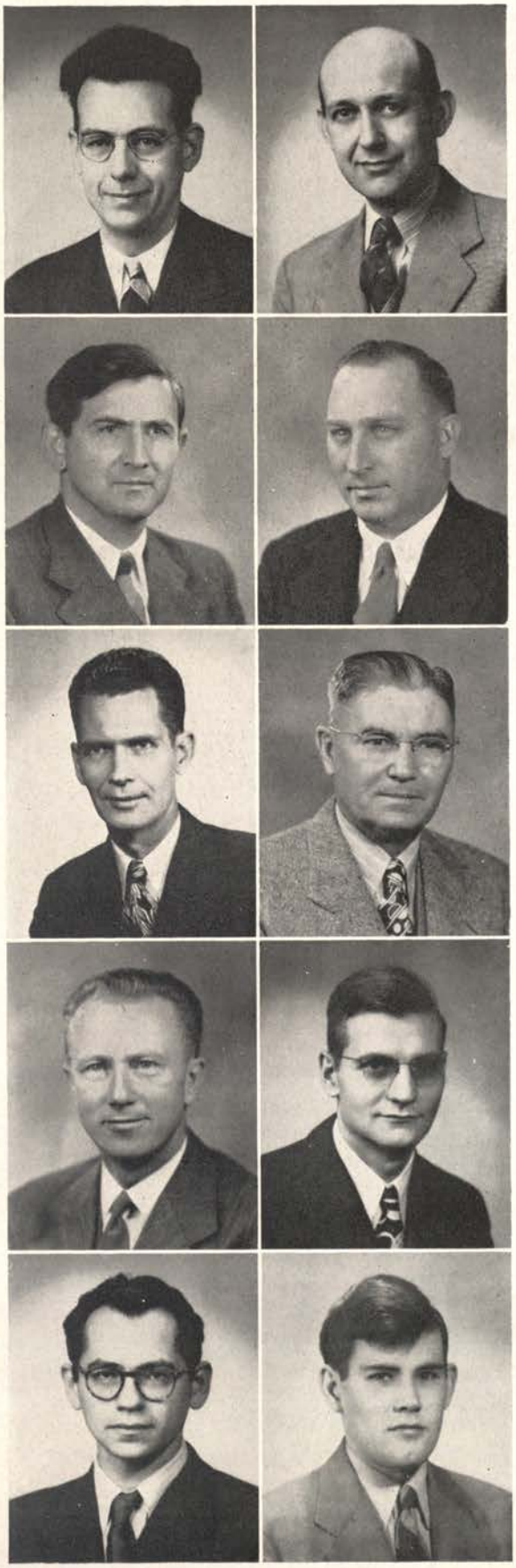
RUSSELL, P. N., A.B. '29, Fletcher College; M.S. '30, Michigan; Assistant Professor of Mathematics.

SCHWANEKE, A. E., B.S. '40, Central Missouri State Teachers; Instructor of Physics.

SHAPIRO, LOUIS, B.S. '35, City College of New York; Instructor in Physics.

VAN NOSTRAND, R. G., B.S. '42, Missouri School of Mines; Instructor in Physics.

*"It's obvious to all, that . . ."*



Burger
Harvalik
Hoover
Russell
Shapiro

Fuller
Holland
Leaver
Schwaneke
Van Nostrand

# Engineering

Christianson
Mallon
Rushing

Forbes
Nevin
Thompson

CHRISTIANSON, L. C., B.A. '25, Westminster; M.A. '28, Missouri; Assistant Professor of Drawing.

FORBES, J. C., B.S. '44, MSM; Instructor of Drawing.

HAMMANN, J. W., B.S. '36, Purdue; Instructor of Drawing.

HENRICI, W. C., B.Arch, '44, Oklahoma A&M; Instructor of Drawing.

MALLON, A. H., B.S., '30, Worcester Polytechnic Institute; Assistant Professor of Drawing.

NEVIN, F. E., B.S. in M.E. '44, MSM; Instructor of Drawing.

RUSHING, J. F., B.S. '40, MSM; Instructor of Drawing.

THOMPSON, H., B.S. '32, MSM; Instructor of Drawing.

WILSON, G. B., B.S. in C.E. '17, MSM; Instructor of Drawing.

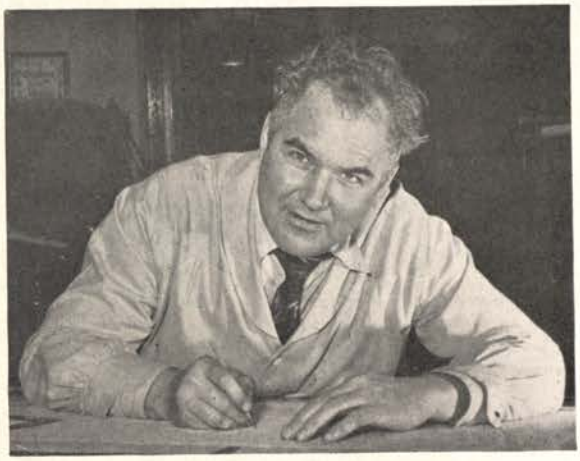
*"Let's see what the book says."*

*It's Nevin!*

*A Civil tries his hand at Architecture.*

# Drawing Department

When an engineer wishes to convey an idea he invariably reaches for a pencil. The representative drawing, in one form or another is the language of engineering. It is the responsibility of the Engineering Drawing Department to indoctrinate the freshmen and sophomores with the principles of this "language of engineering." The freshman's first effort to visualize the third dimension on a flat, flat piece of paper are often disastrous.



CLIFFORD H. BLACK
Department Chairman
Associate Professor of Engineering Drawing and Descriptive Geometry, '37, '43.
B.S. in Architecture, '34, Kansas State;
M.C.P., '46, M. I. T.

*We project A to the Z plane, and . . ."*

Drafting tables, T-squares, compasses—all are located on the third floor of Norwood Hall. Prof. C. H. Black, who holds the chair in drawing, is one of the most talented men on the campus. Not only is he an accomplished artist, city-planner, and architect but he is also a rich and mellow tenor. His enthusiasm for song is reflected by the fact that so many members of the M.S.M. Glee Club are drawing students, too.

*Testing wood prisms.*

# Mechanics Department

*"Give me a lever long enough and a fulcrum strong enough, and single-handed I can move the world."*

*—ARCHIMEDES.*

REX Z. WILLIAMS
Department Chairman
Professor of Mechanics, '31, '46.
B.S. in Met., '31, B.S. in C.E., '37, Missouri School of Mines; M.S. in Engr. Mechanics, '36, Wisconsin.

The Mechanics Department is one step on the Miners' educational hill in which a bridge is made between the theoretical sciences and the application of those sciences to the practical problems of engineering. It is better known among students as that group of courses which "separate the men from the boys." For this is the land where "shotguns" reign supreme and a teacher is ashamed if class averages creep above an even sixty.

Besides the teaching of such lecture courses as Statics, Dynamics, and Mechanics of Materials on the second floor of the Ceramics Building, the department also maintains the campus' only "penny arcade."

This "pin-ball" paradise is the Mechanics lab located in the basement of Harris Hall. Here may be seen machines on which indicators move along the faces of dials and from which noises issue forth as might come from mighty pin-ball machines on which very high scores are being racked up. The machines serve to test various materials for their physical strengths.

The head of this department enjoys the healthy respect of all Miners for he is none other than Assistant Dean Williams. Although additional duties somewhat limit his personal appearances in the department, the spirit of Dean Williams is carried on by such competent men as Prof. N. C. Costokas, who can smile pleasantly while handing out a quiz that even F. L. Brown would have trouble finishing in the alloted fifty minutes.

Barmeier
Shaeffer

*Tilt!*

BARMEIER, R. L., B.S. in C.E. '47, Missouri School of Mines; Instructor in Mechanics.

BREUER, D. W., B.S. '47, Iowa State Institute of Mechanics.

COSTAKOS, N., B.S. '39, M.S. '42, Minnesota; Instructor of Mechanics.

DAVIDSON, R. F., B.S. '41, MSM; Instructor of Mechanics.

DAVIS, R. Jr., B.M.E. '46, Minnesota, Instructor of Mechanics.

HOFSTAEDTER, G. F. Jr., B.S. in C.E. '47, Drexel Institute of Technology; Instructor in Mechanics.

JAMES, R. E., B.S. '42, M.S. '48, Oklahoma; Instructor in Mechanics.

SCHAEFER, R. A., B.S. in E.E. '47, Missouri School of Mines; Instructor in Mechanics.

SPEECE, W. E., B.S. in C.E. '47, Cornell; Instructor of Mechanics.

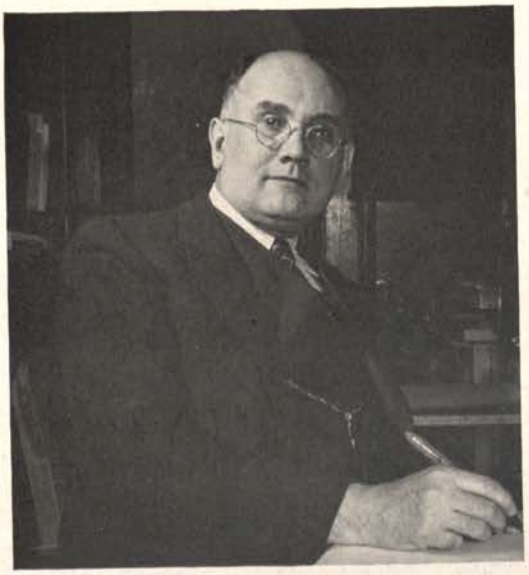
# Geology and

*Talking things over with Nackowski.*

Though the Geology and Mineralogy Department is one of the smallest departments on the campus, it supplements many others, and without it the Mining, Metallurgy and Ceramics courses would be incomplete.

The department is located on the second floor of Norwood Hall. It is a little isolated world where such terms as "dodecahdral", "enantiomorphous" and "scalenohedral" are simple descriptive adjectives.

*"There is no stone without a name."—LUCAN.*



OLIVER R. GRAWE
Department Chairman
Professor of Geology, '28, '46.
A.B., '22, M.S. '24, Washington; Ph.D., '27, Iowa.

# Mineralogy Department

Basile
Muilenburg

Cowie
Nackowski

BASILE, R. E., B.A. '43, Washington and Lee; Instructor of Geology.

COWIE, R. H., B.S. '38, Calif. Institute of Tech.; M.S. '40, Ph.D. '41, Minnesota; Assistant Professor of Geology.

LARSON, E. R., B.S. '42, M.A. '47, Columbia; Assistant Professor of Geology.

MUILENBURG, G. A., B.A. '12, M.S. '13, Iowa; E.M. '25, MSM; Ph.D. '25, Columbia; Professor of Geology.

NACKOWSKI, M. P., A.B. Geology '41, U. of Calif; Instructor of Geology.

THUNE, H. W., B.S. '39, College of Puget Sound; M.S. '41, Idaho; Instructor of Geology.

Mineral identification quizzes of the "glance-at-it, identify-it, pass-it" nature are common occurrences.

It is reported that the department head, Dr. Grawe, insists that crystallography is here to stay. Mr. Larson, from New York City, contends that Texas boots are the only foot gear for a man. After all, the geologist must be of the rugged, outdoor type.

*Cooperation.*

*The puzzle.*

*"Jolly" balances.*

*"Unclassified."*

# Military Department

*Sgt. White quizzes his M-1's.*

On Wednesday mornings from eleven to twelve, weather permitting, M.S.M.'s largest "class" meets on the athletic field. This class consists of first and second year basic R.O.T.C. students under the direction of the advanced members of the R.O.T.C. and supervised by the army personnel stationed here. Training the largest number of men in its history here at Rolla, the department has enrolled some four hundred men as compared to the first class in 1873 when the total number of students here numbered only one hundred and seven.

## STAFF

RICHARDSON, E. C., Major, Corps of Engineers, Army of the United States, Associate Professor of Military Science and Tactics.

BLOOM, E. C., First Lieutenant, Corps of Engineers, Army of the United States, Instructor in Military Science and Tactics.

GREGORY, B. B., Master Sergeant, Army of the United States.

DRAGOTIS, B. A., Master Sergeant, Army of the United States.

WHITE, L. L., Master Sergeant, Army of the United States.

EDWARDS, G. R., Technical Sergeant, Army of the United States.

*Fine fit.*

*"The backbone of the Army is the non-commissioned man."—KIPLING.*

Under the provisions of the Morrill Act under which the School of Mines was founded, four semesters of basic military are required for non-veteran students. On receiving credit for basic military, interested students may make application to take the advanced course in the R.O.T.C., which, when completed, qualifies them for a second lieutenant's commission in the Officer's Reserve Corps.

Ever since, in 1873, when Cadet Private John W. McCown started the unit's activities off with a bang by shooting Cadet Sergeant Peter Blow in an argument, the M.S.M. unit has been instructing men in the principles of Military Courtesy and Customs, Drill, Military Sanitation and First Aid, Bridge and Road Construction, Combat Intelligence, etc. That this training for leadership is thorough may be seen in the military records of those who have completed the courses.

Col. C. K. Harding, Professor of Military Science and Tactics, is a West Pointer of extensive experience and dry humor. In his lighter moments he delves into math puzzles or tells of his boyhood in the Canal Zone.

CHESTER K. HARDING
Professor of Military Science and Tactics, '47.
B.S., '18, United States Military Academy.

Lt. Bloom

Maj. Richardson

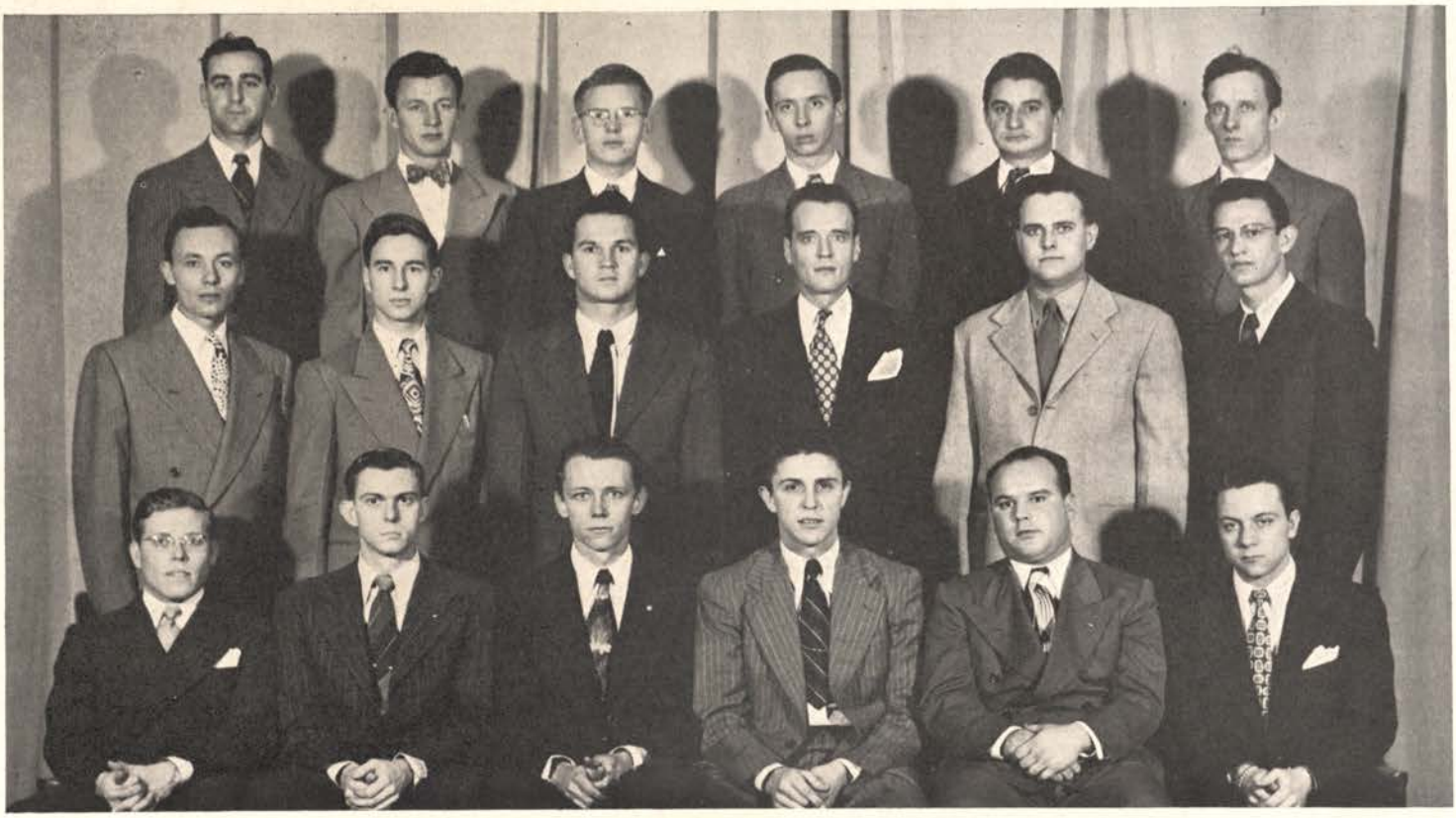
The P. S. M. & T. is ably assisted by personnel such as Maj. Richardson—proponent of the small bore rifle. Lt. Bloom stoutly maintains that the field manual is always right—and the Advanced Student always wrong.

As Kipling inferred—the non-commissioned man keeps the army going. Sgt. Leo White is an instructor and claims that there are no better soldiers than his freshmen. Sgt. B. A. Dragotis handles the unit's administrative headaches while Sgts. B. B. Gregory and G. R. Edwards keep the unit in well-fitting uniforms and the latest field manuals.

*Efficiency.*

*"At the target, Joe." Too bad.*

*"The manual says . . ."*



THIRD ROW: Pantaleo, Otto, Niewoehner, Kortjohn, Watkins, Hart. SECOND ROW: Callahan, McCallister, Palubiak, Pippert, Davis, Hrach. FIRST ROW: Martin, Acheson, Copeland, Long, Shaver, Wolfram.

# S.A.M.E.

OFFICERS

President.....Thomas B. Long
1st Vice-President.....John A. Mittino
2nd Vice-President.....Richard M. Otto
Treasurer.....Anthony Pantaleo
Assistant Treasurer.....Irvin Probst
Secretary.....Ralph E. Wolfram

The Society of American Military Engineers was founded in 1920, its membership consisting of past and present holders of commissions in the technical branches of the American Armed Forces. It was created in the interest of National Defense, to advance the science of Military Engineering.

Members of the M.S.M. post are students in the Advanced R.O.T.C. course. The major event sponsored by the post was the annual Military Ball, held this year on December 13, when Miss Annette Elmore was presented the commission of Honorary Cadet Colonel.

*Alert young officers.*

# R.O.T.C. Summer Camp

*Cannon fodder.*

*The old Army way.*

One of the requisites for an advanced R.O.T.C. student to get his reserve commission is that he spend six weeks at a summer camp as designated by the Department of the Army.

Consequently last June, forty-three men took off for Ft. Riley, Kansas, and Aberdeen, Maryland. At Ft. Riley, the men were assigned to Engineer and Signal R.O.T.C. units with which they had practical instruction in building bridges and roads, the use of demolitions, radio procedure, and wire communications. Those who went to Aberdeen were interested in Ordnance work; and, while there, had a chance to work on many of the Army's new weapons.

*Take five.*

*Easy does it.*

*While the Signal Corps rode.*

# Athletic Department

GALE BULLMAN
Department Chairman
Instructor of Physical Ed.; A.B. '25, West Virginia Wesleyan; LL.B., '29, Washington.

It is difficult to overestimate the importance of the Athletic Department, for without physical exercise, the greatest lab course of them all, an engineering education, would be incomplete. This department directs three programs: varsity athletics, intramural sports and physical education. The latter has been limited to the teaching of swimming to non-veteran frosh.

Head of the department and chief football and track mentor is the colorful Gale Bullman. He is aided by Dwight Hafeli, basketball coach, and Chester Barnard, swimming coach. Other assistants are Bill Speece of the Mechanics Department and John Steinmeyer of the Humanities Department.

Under the direction of these men Miner squads have reached their greatest heights this year by collecting the Missouri Intercollegiate Athletic Association football, swimming, tennis and golf titles. Other varsity sports include basketball, track and cross-country.

The intramural program brings the benefits of sports and physical competition to a great number of exercise-hungry students. The year-around struggle includes touch football, table tennis, cross-country track, swimming, basketball, rifle, boxing, wrestling, volleyball, softball, track, horseshoes, golf and tennis.

BARNARD, C. S., B.S. '21, Southwest Missouri State Teachers; M.S. '40, West Virginia University; Instructor of Physical Ed.

HAFELI, D. L., B.S. '37, Washington University; Instructor of Physical Ed.

HAFELI

BARNARD

# M.S.M. Counseling Service

*The outer office.*

A new department, the M.S.M. Counseling Service, was established last year to render assistance to all M.S.M. students in the field of vocational and educational guidance. The Counseling Service is staffed by guidance specialists who devote their time primarily to the needs of individual students. These counselors help the student with such specific problems as vocational choice, development of efficient study habits, diagnosis and correction of academic problems, improvement of reading speed and efficiency, and adjustment to college life.

An occupational library is maintained which contains information concerning most of the major fields of work. Standardized aptitude, ability, and achievement tests are administered to suit the needs of the individual student.

All students, both veteran and non-veteran, are welcome to and eligible for the advantages of this service.

J. R. Pollard

J. T. Winslow

J. R. POLLARD, Director
B.A. '41, Central College
M. Ed. '48, University of Missouri

J. T. WINSLOW, Counselor
B.S. in Ed. '42
M. Ed. '47, Missouri

HANDBOOK
OF
MINERAL
DRESSING
—
TAGGART
Ores and
Industrial
Minerals
WILEY
HANDBOOK
SERIES
MINING
ENGINEERS'
HANDBOOK
—
PEELE
VOLUME I
VOLUME II

# Classes

Gone is the green cap, the "beard Privilege", Class Day, and all of the traditional earmarks which separated the classes in Rolla's "good old days".

But the 1948 CLASSES are colorful in their own way. The whole thing has become rational. It is now recognized that the difference between the freshman and the soph, the junior and the senior, is simply a matter of knowledge . . . or about forty credit hours.

The Miner's interests change as he advances . . . during the first semester he compares the adjacent to the hypotenuse . . . and in the eighth semester he compares G. E.'s offer to that of the Schlumingcamp Exploration Company.

# Senior Class

## SENIOR CLASS OFFICERS

President .....Gordon Moline
Vice-President.....Ted Wolfarth
Secretary .....Henry Whaley
Treasurer.....Don Reinert

Adams, Ben Melvin.....E. E.....Benton, Mo.
Transfer Southeast Missouri State Teachers College. AIEE '47-'48. Honor List '46-'47.

Aka, Esrefettin.....Met. E..... Ankara, Turkey
Transfer Freiberg Mining Academy. Engineers Club '46-'47-48. AIMME '46-'47.

Allbaugh, Donald N.....Min. E.....Richmond Heights, Mo.
Lambda Chi Alpha '44-'45-'46-'47. Glee Club '45-'47. Band '44-'45. Missouri Academy of Science '44-'45. State Vice-President '45. Cadet Sergeant ROTC '45. Interfraternity Council Alternate. Treasurer Junior Class.

Allen, Aurelius Kent.....Chem. E.....
Shamrock Club '42-'43. Lambda Chi Alpha '43-'44-'47-'48. Interfraternity Council '43. Junior Class Vice-President '43-'44. Alpha Chi Sigma '48.

Allen, Joseph Doorley, Jr.....Met. E.....Rolla, Mo.
Transfer Union Junior College. ASM Secretary '47-'48. Honor List '46-'47.

Alvarez, Joseph.....M. E.....East St. Louis, Ill.
Kappa Sigma Vice-President '45. Inner Guard '46. Student Council '45-'46. Interfraternity Council '45-'46-'47. St. Pat's Board '45-'46. Vice-President '45. Chairman Rollamo Board of Control. Secretary Sophomore Class '45-'46. Blue Key '47-'48. Honor List '45.

Amadon, Harold Owen.....Min. E.....Milwaukee, Wisc.
Transfer Wisconsin Institute Technology. Honor List '46-'47.

Anderson, Nels Adams.....C. E.....Springfield, Mo.
Transfer Drury College and U. of W. Va. ASCE '46-'47-'48. Sigma Nu '46-'47-'48.

Anderson, Walter F.....M. E.....Dexter, Mo.
Engineers Club '42-'43. Tau Beta Pi '47-'48. ASME '47-'48. Honor List '41-'45-'46-'47. Phi Kappa Phi Bookplate '46.

Andrews, Byron Wells.....Min. E.....El Dorado, Ark.
Photo Club '47. Transfer Arkansas A. & M. College.

Annis, Andon Phillips.....Cer. E.....Rolla, Mo.
Transfer Park College and Kansas City Junior College. American Ceramic Society '46-'47. Secretary '47-'48.

Anton, Charles Phillip.....M. E.....Hannibal, Mo.
ROTC Band '41-'42-'43. Sigma Nu '42-'43-'44. Recorder '46. Varsity Orchestra '42-'43. Sigma Nu Commander '47. ASME '47.

Appelbaum, Robert Herman.....Min. E.....Webster Groves, Mo.
Transfer University of Missouri. AIMME '46. Honor List '46.

Armstrong, R. J.....Chem. E.....Rolla, Mo.
AIChE '46-'47-'48. Alpha Chi Sigma '46-'47-'48. Master Alchemist '48. Tau Beta Pi '47-'48. Honor List '46-'47.

*"I have lost my taste for pictures and music. My mind seems to have become a kind of machine for grinding general laws out of large collections of fact."—Charles Darwin.*

Adams
J. Allen
Anton
Andrews
Armstrong

A. Allen
Alvarez
N. Anderson
Annis
P. Aubuchon

Allbaugh
Amadon
W. Anderson
Appelbaum
Austin

# of 1948

*Another job interview.*

Ayers
Banks
Bauman
Beverage
Benn

Balstad
Barton
Barker
Berry
Bixby

Baerveldt
Balmat
Bermel
Beezley
Billy

Aubuchon, Pierre M.....Min. E.....St. Louis, Mo.
Pi Kappa Alpha '46-'46-'47-'48. Treasurer '45-'46. House Manager '45-'46. Vice-President Freshman Class '46. Interfratenity Council Alternate '45. St. Pat's Board '45-'46-'47. Secretary '46-'47. Sophomore Class Vice-President '45-'46. Engraving Editor Rollamo Board '46. Honor List '44-'45.

Austin, Thomas E., Jr.....C. E.....Willow Springs, Mo.
Transfer University of Missouri. ASCE '46-'47.

Ayers, Oscar Berry.....C. E.....St. James, Mo.
Transfer Southeast Missouri State Teachers College.

Baerveldt, Robert F.....C. E.....St. Louis, Mo.
Transfer Iowa U. and St. Lawrence College. Theta Kappa Phi '42-'43-'47-'48. Honor List '47.

Balmat, Jack Spencer.....E. E.....Rolla, Mo.
Sigma Nu '42-'43-'47-'48. Alpha Phi Omega '42. Transfer Mount Union College.

Balstad, Rolf A.....Min. E.....Minot, N. Dakota
Honor List '46.

Banks, Hampden O.....Min. E.....Johnston City, Tenn.
AIMME '46-'47. Vice-President '48. Honor List '47.

Banks, Ralph.....Min. E.....Lynch, Ky.
Transfer University of Tennessee. AIMME '46-'47-'48. Honor List '47.

Barker, Rolland C.....Cer. E.....Rolla, Mo.
Sigma Pi '41-'42-'46-'47-'48. American Ceramic Society '42-'43. Honor List '46.

Barton, John Richard.....M. E.....Wellsville, Mo.
ROTC Band '39-'40-'41. ASME '47-'48. Honor List '45-'46 '47.

Bauman, Harry C.....Min. E.....Suffern, N. Y.
Transfer Norwich University. Honor List '46-47.

Beezley, Joel Edward.....Min. E.....St. James, Mo.
Transfer Anderson Theological College. AIMME Secretary '47-'48. Honor List '46-47.

Benn, Edward H.....C. E.....Wichita, Kans.
Transfer University of San Francisco. ASCE '46-'47. Honor List '47.

Bermel, Peter F.....C. E.....Colorado Springs, Colo.
ASCE '46-'47. Missouri Academy of Science '46-'47. ROTC Band '46-'47. Rollamo Board '47-'48. Miner Board Circulation Manager '47-48. Rifle Club '45-'46. ROTC Sergeant '44. ASCE '46-'47-'48. Alpha Phi Omega President '47. Vice-President '46. Alumni Secretary '47. Sigma Nu '45-'46-'47-'48.

Berry, Jerome T.....C. E.....Rolla, Mo.
Transfer University of Akron. Special Service Officer Campus Vets '46. Treasurer '47. ASCE '46-'47. Football Squad '46-'47. Photo Club '47. Miner Board Sports Editor '47.

Beverage, Allan D.....M. E.....Belleville, Ill.
Football '40-'41-'42. Intramural Wrestling Champion. Lambda Chi Alpha '42-'47-'48. "M" Club '42. Photo Club '47. ASME '47-'48.

Beyer, Frank A.....M. E.....Rolla, Mo.
Kappa Alpha 42-'43-'46-'47-'48. President '46. Rollamo Board '42-'43. ASME '47-'48.

Billard, James W.....Min. E.....Peru, Ill.
Pi Kappa Alpha '46-47. Vice-President '47-'48. Transfer, The Citadel.

# Senior Class

*Branson and Bride.*

Bishop
Boswell
Botkin
D. Bradford
W. Brown

Billard
Boeller
Bowman
Browning
Branson

Bolanovich
Boaz
Bott
V. Bradford
Breton

Billy, Joseph Harrison.....Chem. E.....Rolla, Mo.
Shamrock Club '41-'42-'43. AIChE '41-'42-'43-'44. Lambda Chi Alpha '43-'44-'47-'48. Social Chairman '47-'48.

Bingham, Darwin H.....Met. E.....Oak Park, Ill.
Honor List '46-'47. Pi Kappa Alpha. Miner Board Editorial Staff '41. Rollamo '41-'42. Photographer '42. Editor-in-Chief '43.

Bishop, William W.....E. E.....Webster Groves, Mo.
Lambda Chi Alpha '46-'47. Independents '44-'45. AIEE '46. Wesley Foundation '45. Theta Tau '45-'46-'47-'48. Secretary '46-'47. Marshal '47. St. Pat's Board '46-'46-'47. Assistant Treasurer '46-'47. Rollamo Board '45-'46. Miner Board '46-'47. Blue Key '46-'47-'48. Honor List '47. Transfer Washington U.

Bixby, Henry D.....Cer. E.....Rolla, Mo.
American Ceramic Society '46-'47-'48. Transfer University of Nebraska, Drake and Iowa State.

Boaz, Leonard R.....E. E.....Little Rock, Ark.
Transfer University of Utah. Sigma Nu '43-'44-'47-'48. Treasurer '48. Tau Beta Pi '47-'48. Honor List '43-'46-'47.

Boeller, Emery L.....E. E.....Cape Girardeau, Mo.
Honor List '46-'47. AIEE '47-'48.

Bolanovich, Peter.....E. E.....St. Louis, Mo.
Kappa Sigma '43-'46-'47. Grand Treasurer '47. Grand Procurator '47. AIEE. Honor List '46.

Boswell, Paul B.....E. E.....St. Joseph, Mo.
Transfer Maryville State Teachers College. AIEE '47-'48. Honor List '46-47.

Botkin, Lawrence A.....M. E.....Kansas City, Mo.
Transfer University of Michigan and Park College. ASME '46-'47-'48. Phi Kappa Phi '47. Tau Beta Pi '47-'48. Honor List '46-'47.

Bott, Winston F.....C. E.....Lisbon, Ohio
Transfer Capitol University and Ohio Wesleyan. Honor List '46-'47.

Bowman, James R.....C. E.....St. Louis, Mo.
Lambda Chi Alpha '41-'45-'46-'47-'48. Vice-President '45-'46-'47. Theta Tau '46-'47-'48. Outer Guard '47. ASCE '46-'47-'48. St. Pat's Board '47-'48. Vice-President '47-'48. Honor List '46-'47.

Boza, Jorge H.....Min. E.....Lima, Peru
Kappa Sigma Guard '45. Honor List '47. AIME '46.

Bradford, Dorothy G.....Sci.-Cer.....Rolla, Mo.
Band '44-'45. Missouri Academy of Science '44-'45. American Ceramic Society '47. Rollamo Board '45-'46.

Bradford, Victor L.....Met. E.....Rolla, Mo.
Photo Club '41-42-'43. Vice-President '43-'46-'47. Triangle '42. President '45-'46. Rollamo Board '42-'43. Photographer '43. ASM '47. Captain ROTC '47.

Brady, Jay E.....Cer. E.....Ada, Okla.
Honor List '47. American Ceramic Society '47. Photo Club '47.

# of 1948

*EVERYBODY has a camera.*

Branson, Cecil A.....M. E.....Rolla, Mo.
Triangle '44. Corresponding Secretary '45. Drum Major ROTC Band '44-'45-'46-'47. Glee Club '44-'45. Cadet Sergeant ROTC '44. AIEE '45. Missouri Miner Managing Editor '46. Editor-in-Chief '47. Blue Key '47. ASME '47.

Brassfield, Henry C.....Cer. E.....Wichita, Kans.
Honor List '46-'47. Transfer Ft. Hayes State College. American Ceramic Society '46.

Breton, Ernest J. Jr.....Met. E.....Winter Haven, Fla.
Transfer Alabama Polytechnic Institute. Honor List '46-'47.

Broadbent, Elmer R.....C. E.....Rolla, Mo.
Transfer Oklahoma A. & M. Honor List '46-'47.

Brown, William R.....E. E.....Rolla, Mo.
Independents '44. Engineers Club '45. Missouri Academy of Science 44-'45. Pi Kappa Alpha '47. Rifle Club '45-'46. AIEE '47-'48.

Browning, Charles M.....Min. E.....Rosiclare, Ill.
Honor List '46-'47. Shamrock Club '43. AIMME '42. Varsity Orchestra '42-'43. Sigma Phi Epsilon Secretary '47. Vice-President '47-'48. Theta Tau '47. Transfer University of Illinois.

Browning, Phil A.....E. E.....Newburg, Mo.
Transfer University of West Virginia. Honor List '46-'47. AIEE '47-'48.

Brundige, Edward L.....Met. E.....Hoosick Falls, N. Y.
Transfer Harvard. ASM '47-'48. Independents '47.

Bulla, Robert.....Min. E.....Sesser, Ill.
Transfer Southern Illinois Normal University.

Burnett, Lynn F.....M. E.....St. Louis, Mo.
Honor List '45-'47. Phi Kappa Phi Bookplate '46. Kappa Alpha '46. President '47. Intramural '39-'40. Student Council '46-'47. ASME '47.

Buterbaugh, Basil E.....Min. E.....Rich Hill, Mo.
Honor List '47. Engineers Club '42-'44. AIME '43. President '45-'46-'47. Lambda Chi Alpha '45. Vice-President '45-'46. Student Council Secretary-Treasurer '45. St. Pat's Board '45. Wesley Foundation '45.

Bye, Stanley E., Jr.....Chem. E.....Rolla, Mo.
Honor List '46-'47. AIChE '46. Alpha Chi Sigma '46. Alumni Secretary '47-'48. Transfer Riverside Junior College and Cornell University.

Canning, Fred H., Jr.....M. E.....St. Louis, Mo.
Sigma Nu '45. ASME '43-'44-'47-'48. Tennis Team '47.

Cardin, Audie B.....C. E.....Mountain Grove, Mo.
Honor List '46-'47. Phi Kappa Phi '47. ASCE '47. Transfer Asbury College.

Carron, Gene J.....M. E.....Richmond Heights, Mo.
Honor List '47. ASM '47. Transfer St. Louis U.

Casselman, Howard M.....Chem. E.....Rolla, Mo.
Honor List '43-'44. Kappa Sigma Master of Ceremonies '44. Missouri Academy of Science Vice-President '44. Student Council '44. Glee Club '44-'47. AIChE '47.

Brundige
Castleberry
Carron
Chubb
Coulter

Buterbaugh
Canning
Casselman
Chaffin
J. Collins

Bye
Cardin
Chaney
Condit
J. Cooper

# Senior Class

*"Ed" Delany chats with Miss America.*

Castleberry, Douglas.....Min. E.....Gainesville, Ga.
Kappa Alpha Treasurer '47-'48. AIME '46. ROTC Band '46-'47. Transfer University of the South.

Chaffin, James E.....C. E.....Rolla, Mo.
Honor List '46-'47. Tau Beta Pi '47. ASCE '47.

Chaney, James B.....Min. E.....Little Rock, Ark.
Honor List '43-'46-'47. Sigma Nu '43. Recorder '44. Lieutenant Commander '47-'48. AIME '43. Miner Board Business Manager '43-'44-'47. Theta Tau, Tau Beta Pi '47. Blue Key Alumni Secretary '47-'48.

Chubb, Walston.....M. E.....Webster Groves, Mo.
Honor List '46-'47. Transfer Harvard. ASM '46. AIME '46.

Claunch, Terrell G.....Chem. E.....Rolla, Mo.
Transfer Perkinston Junior College. AIChE '46.

Cohen, Bernard.....Cer. E.....Bayonne, N. J.
Honor List '41-'42-'47. Phi Kappa Phi Bookplate '42. American Ceramic Society '42. Secretary-Treasurer '46-'47. Music Club '43.

Cole, Robert L.....M. E.....Vista, Calif.
Honor List '46-'47. ASM '46. Theta Tau '46.

Collar, Donald H.....C. E.....Flat River, Mo.
Honor List '46. Independent Board of Control '43. Engineers Club '43. AIEE '43. Theta Tau '47. ASCE '47.

Collins, Joe, Jr.....Chem. E.....Kansas City, Mo.
Honor List '46-'47. AIChE '46. Alpha Chi Sigma '46.

Condit, Robert E.....M. E.....Jefferson City, Mo.
ASME '47-'48.

Conyers, Jesse M., Jr.....C. E.....Rolla, Mo.
Engineers Club '41-'42. Tech Club '42-'43. Alpha Lambda Tau Pledge '42. ASCE '47.

Cooper, John A.....C. E.....Rolla, Mo.
Scholastic Leader '40-'41. Phi Kappa Phi Bookplate '42. Honor List '41-'42-'46-'47. Phi Kappa Phi '47. ROTC Platoon Guide '41-'42. Engineers Club '41-'42. Theta Tau '46.

Copeland, Alfred Eugene.....Min. E.....Rich Hill, Mo.
Honor List '46-'47. Engineers Club '43. AIME '43-'44.

Copeland, Roy E.....E. E.....St. Louis, Mo.
Pi Kappa Alpha '46. Missouri Academy of Science '45. ROTC Captain '47.

Corbett, John E.....E. E.....Kansas City, Mo.
Transfer Kansas City Junior College. Honor List '46-'47. AIEE '47. Phi Kappa Phi '47.

Cornelius, Edwin E.....Met. E.....Rolla, Mo.
Honor List '47. ASM '47. AIMME. Transfer Municipal University of Omaha.

Corrigan, John E.....C. E.....Wilmette, Ill.
Transfer Michigan State, Culver-Stockton. ASCE '47.

Coulter, Gene G.....E. E.....Rolla, Mo.
Honor List '43-'44-'46-'47. Tau Beta Pi '47. Engineers Club '43. AIChE '43. Triangle '47.

Cox, John H.....Met. E.....Kirkwood, Mo.
Missouri Academy of Science '42-'43. Music Club '43. Glee Club '43-'44. Vice-President '44. President '45. ASM Reporter '45-'46. Kappa Sigma '45. Student Council. AIME '45.

Corbett
Cohen
Crosby
Davies
Delany

Cole
Copeland
C. Davis
Day
Deuber

Cornelius
Collar
Davidson
Detjen
den Boer

# of 1948

Deichmann
Downey
Eadie
Ecklund
M. H. Ellis

Doss
M. Dressner
East
Edmunds
S. E. Ellis

Doelling
E. Dressner
Earls
W. F. Ellis
Emo

*The human transit.*

Crosby, Robert A.....Met. E.....Kirkwood, Mo.
Kappa Sigma '42. Vice-President '43-'44. APO '42. Theta Tau '43. Marshal '47. Scribe '47. Student Council '43. AIMME '43. ASM '46.

Daniels, Charles P.....C. E.....Rolla, Mo.
Transfer Jefferson City Junior College. ASCE '46. Engineers Club '47.

Dasso, Andres T.....Min. E.....Lima, Peru
Kappa Sigma '45. Honor List '46-'47. Secretary Sophomore Class '44. AIMME '46. Rollamo Board '45.

Davidson, Edwin A.....Cer. E.....Avon Park, Fla.
Tech Club '41-'43. American Ceramic Society '43-'47. Engineers Club '47.

Davies, Robert D.....Min. E.....Dodgeville, Wisc.
Transfer Wisconsin Institute of Technology.

Davis, Carl B.....E. E.....St. Louis, Mo.
Pi Kappa Alpha '43. Vice-President '44. Football Squad '42-'43. NYA Assistant Librarian '42-'43-'44. E. E. Department '47. ASME '43. President '45. Rollamo Editor-in-Chief '44-'45. Literary Editor '47-'48. Student Council '45. AIEE '47. ROTC Cadet Sergeant '47. Second Lieutenant '47-'48.

Day, Robert L.....M. E.....Rolla, Mo.
Honor List '46-'47. Track Squad '47. ASME '47.

Deichmann, Alphonsus M.....Min. E.....University City, Mo.
Tech Club '43-'44. Rifle Club '42-'43. Treasurer '46-'47. AIMME '43-'44. Photo Club '47. President '47-'48. Engineers Club '47-'48.

Delany, Michael J., Jr.....M. E.....St. Louis, Mo.
Theta Kappa Phi '43. Sergeant-at-Arms, Pledge Manager. Miner Board Editor-in-Chief '44-'47-'48. Theta Tau. Blue Key '44. Secretary Junior Class '46-'47. Honor List '46-'47.

Den Boer, John H.....M. E.....Des Moines, Ia.
Honor List '46-'47. Tech Club '43. ROTC Band '43-'44-'46-'47. AIMME '43. ASM '47. Photo Club Secretary-Treasurer '47. Chi Sigma '47.

Detjen, Don W.....Chem. E.....Webster Groves, Mo.
Transfer Iowa State College. Honor List '46-'47. Phi Kappa Phi '47. Tau Beta Pi '47. Sigma Phi Epsilon '47. President '47. AIChE '47. Alpha Chi Sigma '47. St. Pat's Board '47-'48.

Deuber, George B.....E. E.....Ardsley, N. Y.
Transfer Massachusetts Institute of Technology. Honor List '46-'47. AIEE '47.

Doelling, Robert F.....Met. E.....St. Louis, Mo.
Honor List '45-'47. Phi Kappa Phi Bookplate '45-'46. Phi Kappa Phi '47. Sigma Nu '45. Sentinel '45. Treasurer '46. Missouri Academy of Science '45. Tau Beta Pi '47.

Doss, Glenn E.....Met. E.....Rolla, Mo.
Honor List '46. Kappa Sigma Guard '42. House Manager '43.

Downey, William J.....Min. E.....St. Louis, Mo.
Lambda Chi Alpha '45. Missouri Academy of Science '44. Miner Board '47.

Dressner, Elliott F.....Min. E.....New York City, N. Y.
Honor List '45-'46-'47. Phi Kappa Bookplate '46. Transfer University of Wyoming, Dartmouth College. Geological Department '47.

# Senior Class

Enochs
Falk
Ferrero
Fine
Fleher

Erdman
V. Fesler
Finney
Fisher
Flori

Fairchild
L. Fesler
J. Fitzpatrick
Fields
Flota

*How M.E.s acquire that confused expression.*

Dressner, Mary H.....Sci.-Geol.....Englewood, N. J.
Transfer Smith College, Hunter College, University of Wyoming. Honor List '45-'47. Phi Kappa Phi Bookplate '46. ASM '46. Phi Kappa Phi '47.

Duffner, Bernard W.....Min. E.....De Soto, Mo.
Theta Kappa Phi '43. Historian '43. APO '43. Blue Key Plaque '43. Transfer St. Benedict's College.

Duke, Calvin W.....E. E.....St. Louis, Mo.
Kappa Sigma '43. Guard '43. Missouri Academy of Science '42. AIEE '43. Football Squad '46-'47-'48.

Dziemianowicz, Theodore....Chem. E.....Camden, N. J.
Honor List '46. Sigma Pi '42. Alpha Chi Sigma '47. Student Council '42-'43. AIChE '42. ROTC Staff Sergeant '47.

Eadie, George R.....Min. E.....Rolla, Mo.
Honor List '45. Basketball '45. Football '46-'47. "M" Club '46. Sigma Pi '47.

Earls, John D.....M. E.....Springfield, Mo.
Honor List '45. Phi Kappa Phi Bookplate '45. ROTC Band '45-'46-'47. ASME '47.

East, Joe C.....C. E.....Richmond Heights, Mo.
Honor List '46-'47. Sigma Nu '45. Assistant Treasurer '46. Recorder '47. ASCE Vice-President '47.

Ecklund, Alfred C.....E. E.....St. Louis, Mo.
Kappa Sigma '45. Treasurer '45-'46-'47. Missouri Academy of Science '45. Football '45. St. Pat's Board '45-'47. AIEE '47.

Ellis, Maurice H.....C. E.....Olney, Ill.
ASCE '47. Transfer University of Illinois, Illinois State Teachers College.

Ellis, William A.....E. E.....Peoria, Ill.
Honor List '47. AIEE. Transfer Bradley Polytechnic Institute.

Ellis, Sherman E.....M. E.....Springfield, Mo.
Phi Kappa Phi Bookplate '40. Honor List '46-'47. Phi Kappa Phi '47. NYA Assistant Military Department '39-'40. ASME '47-'48. Transfer Southwest Missouri State Teachers College.

Ellis, William F.....Min. E.....Shreveport, La.
Phi Kappa Phi Bookplate '42. Kappa Alpha '46. ROTC Cadet Sergeant '42. Transfer Kemper Military School.

Ellison, Floyd A.....Sci.-Geol.....Cape Girardeau, Mo.
Transfer Southern Missouri State College.

Emo, Ronald Edmund.....E. E.....St. Louis, Mo.
Honor List '42-'44-'46-'47. Phi Kappa Phi Bookplate '43. Tau Beta Pi '46-'47. Phi Kappa Phi '47. Triangle '43. Corresponding Secretary '43. Chapter Editor '43-'44. Recording Secretary '44. Treasurer '47. Missouri Academy of Science '42-'43. Student Council '43. AIChE '43. AIEE '43-'44-'47. Treasurer '47-'48. President Junior Class '46-'47. Blue Key '47. Secretary-Treasurer '47-'48. Phi Kappa Phi '47.

Enochs, Richard C.....Met. E.....Kansas City, Mo.
Honor List '46-'47. ASM '46-'47. Engineers Club '47-'48. Transfer Kansas City Junior College, Stanford University, California.

Erdman, Norman W.....Min. E.....Schofield, Wisc.
Honor List '47. Transfer ASTP, Wisconsin Institute of Technology.

# of 1948

*Mets, before a Flat River trip.*

Fairchild, Robert L.....M. E.....Oak Park, Ill.
Honor List '46-'47. Tau Beta Pi '47-'48. ASME '47-'48. Transfer Colorado School of Mines, University of Wisconsin, Grinnell College.

Falk, Irving C.....Min. E.....Forest Hills, N. Y.
Honor List '46-'47. AIME '46-'47. Alpha Epsilon Phi. Transfer College of City of New York.

Faulkner, Charles McGregor.....Met. E.....
Original Award ROTC. Rifle Team '41. Honor List '47. ROTC Band '40-'41-'42-'43.

Ferrero, Dominic.....C. E.....Benld, Ill.
ASCE.

Ferry, James Wayne, Jr.....
Sigma Pi '46.

Fesler, Lloyd Warren.....E. E.....Newburg, Mo.
Honor List '45-'46-'47. Phi Kappa Phi Bookplate '45-'46. Phi Kappa Phi '47.

Fesler, Vernon Russell.....E. E.....Newburg, Mo.
Honor List '47.

Fields, Lester E.....Met. E.....Rolla, Mo.
Honor List '46-'47. Triangle '43. Steward '44. Missouri Academy of Science '43. Glee Club '43-'44. Miner Board News Staff '47. Features Editor '47. Photo Club '47.

Fine, Sidney Alan.....Sci.-Geol.....Meridan, Conn.
Honor List '46-'47. Alpha Epsilon Pi.

Finney, Robert E.....E. E.....Rolla, Mo.
Transfer New York University. AIEE.

Fisher, James R.....C. E.....Rolla, Mo.
Sigma Nu '45. ROTC Band '45-'47. Sergeant '45. Missouri Academy of Science '45. Football '45. ASCE '46. APO '46. Rollamo Board '47-'48. Miner Board '47.

Fitzpatrick, Joseph W.....C. E.....Rolla, Mo.
Honor List '47. ASCE '47. Transfer Missouri U. S. S.

Fleher, Walter C.....C. E.....St. Louis, Mo.
Sigma Nu '47. Rollamo Board '47. Miner Board '47. Transfer Standard University, Kansas University.

Flori, William J.....Min. E.....Carlinville, Ill.
Honor List '47. Transfer Blackburn College.

Flota, David F.....E. E.....Harrisburg, Ill.
ROTC Band '42. Shamrock Club '42. AIEE '47.

Flynn, Robert H.....M. E.....St. Joseph, Mo.
Honor List '46-'47. Transfer Southern Methodist University, Vanderbilt. ASME '47.

Foley, William J.....M. E.....Sikeston, Mo.
Honor List '46-'47. Transfer Central College. ASME '47. Tau Beta Pi '47. Phi Kappa Phi '47.

Frankowitz, Joseph F.....Min. E.....Brooklyn, N. Y.
Honor List '46.

Fremont, Charles W., Jr.....M. E.....Rolla, Mo.
Transfer Jefferson College. ASME '47.

Frick, Vincent.....Met. E.....Rolla, Mo.
Honor List '46-'47. Independents '47. ASM. Transfer Rockhurst College, Warrensburg State Teachers College.

Foley
K. Frank
Gauerke
I. Garthwaite
Gevecker

Fronabarger
Fuqua
Gager
D. Garthwaite
Glaves

Frick
Fuller
Gardner
Garrod
Glasgow

# Senior Class

*How Guilfoy started from the bottom.*

Fronabarger, Odus Lee.....M. E.....Oak Ridge, Mo.
Honor List '46-'47. Transfer Southeast Missouri and Southwest Teachers College. ASME '47.

Fuller, Leroy W.....Chem. E.....St. Louis, Mo.
Honor List '47. Pi Kappa Alpha '42. Vice-President '47. AIChE '47. Alpha Chi Sigma '48. Vice-President Senior Class '46-'47.

Fullop, Paul P.....Min. E.....Mt. Carmel, Ill.
Honor List '45-'46-'47. Phi Kappa Phi Bookplate '46. Football '40-'42-'46. All-Conference Halfback '47. Co-Captain '47. Track '46. Lambda Chi Alpha '41. Vice-President '42. "M" Club '42. C. P. T. Primary '42. Transfer University of Illinois.

Gager, Lem.....M. E.....Miami, Fla.
Chi Sigma '47. ASME '47. Transfer Peru State Teachers College.

Gardner, Rufus H.....C. E.....Rolla, Mo.
Sigma Pi '34. Secretary '34. Football '33-'34. Class Treasurer of '31-'33-'34. Basketball '34. St. Pat's Board '34. ASCE '46.

Garrod, Fred M.....E. E.....Rolla, Mo.

Garthwaite, Delbert L.....M. E.....Mt. Hope, Wisc.
Honor List '46-'47. ASME '47. Phi Kappa Phi '47. Transfer Wisconsin Institute of Technology, New York University.

Garthwaite, Ivan H.....Min. E.....Mt. Hope, Wisc.
Phi Kappa Phi. AIMME.

Gauerke, Reinhart C.....M. E.....Rolla, Mo.
Football '43-'44-'46-'48. "M" Club. ROTC Lieutenant Colonel '47.

Gevecker, Robert V.....C. E.....St. Louis, Mo.
Pi Kappa Alpha '43. Secretary-Treasurer '44. Interfraternity Council '43-'44. Treasurer '44. ASCE '44. Vice-President '47. Student Council '44.

Giltner, Benedict C.....Cer. E.....Bradford, Ill.
Honor List '46-'47. Transfer Stambrose College. American Ceramic Society '46.

Glasgow, Lawrence G.....M. E.....Rolla, Mo.
Transfer Texas A. & M. American Society of Metals '47. Independents '47.

Glaves, John V.....Chem. E.....St. Louis, Mo.
Tech Club '42. Honor List '42-'43. Sigma Nu '44. Treasurer '44. Lieutenant Commander '47. Commander '47. Alpha Chi Sigma '46. Junior Class President '43-'44. Tennis Team '47.

Goddard, Rex G.....M. E.....Carthage, Mo.
ASME '47.

Gollub, Wayne O.....C. E.....University City, Mo.
Pi Kappa Alpha '41. House Manager '46. President '47. Interfraternity Council Secretary-Treasurer '46. Miner Board Business Department '41.

Goren, Ralph.....C. E.....Buffalo, N. Y.
Honor List '47. Engineers Club '41-'43. AIME '42. Miner Board '43. ASCE '47.

Grady, William J., Jr.....C. E.....St. Louis, Mo.
Honor List '46-'47. Intramural Sports '39-'40.

Grant, George T.....E. E.....Hannibal, Mo.
Sigma Nu '44. Treasurer '44. Alumni Cont. Office '47. Miner Board Circulation Manager '44-'45. Student Council '44. Secretary-Treasurer '44. Junior Class Secretary. AIEE Vice-Chairman '45. Rifle Club '44. Vice-President '44. ROTC First Lieutenant. Blue Key '45. Vice-President '45. Corresponding Secretary '47.

Giltner
Gollub
Gregg
Gulfoy
Hasko

Goddard
Gregory
Griessen
Gunther
R. Hartman

Goren
Graves
Grigsby
Harris
Harvey

# of 1948

W. Hartman
Hackmann
Harter
Heatt
T. Howell

Harkins
Hogan
Hennessey
Hequemburg
Hoelscher

Haley
Hampton
Hess
Hildebrand
R. Howell

*Magruder, obviously not in Rolla.*

Graves, Howard W.....Min. E.....Appleton, Wisc.
Transfer Wisconsin Institute of Technology. AIME '45. Engineers Club '46.

Gregg, George E.....M. E.....Independence, Mo.
Honor List '46-'47. ASME '47-'48. Alpha Phi Omega First Vice-President '47. Transfer Park College, University of Michigan.

Gregory, Robert O.....E. E.....St. Louis, Mo.
Honor List '45-'46-'47. Phi Kappa Phi Bookplate '45-'46. Tau Beta Pi '47. Phi Kappa Phi '47. Triangle '45. Secretary-Treasurer '45-'46. Steward '45-'46. Vice-President '47. President '47-'48. Missouri Academy of Science '45. Interfraternity Council '45. Football '45. Student Council '47. Blue Key '47-'48.

Griesedieck, Donald L.....M. E.....St. Louis, Mo.
Honor List '45-'46. Lambda Chi Alpha '46. Rush Chairman '47-'48. Vice-President '47-'48. Theta Tau '47. ASME '47-'48.

Griessen, John, III.....Chem. E.....Sedalia, Mo.
Alpha Chi Sigma '47.

Grigsby, Harry G.....Min. E.....Desloge, Mo.
Football '38. Class of '42 Dance Committee '38-'39. Shamrock Club '39-'40-'41.

Guilfoy, Donald C.....M. E.....St. Louis, Mo.
Engineers Club '46. ASME '43-'44.

Gunther, Joseph W.....C. E.....Rolla, Mo.
Transfer Central Junior College, Kansas City, Mo.

Gurnea, Elvin M., Jr.....E. E.....Flat River, Mo.
Football '38. Radio Club '38-'39. Shamrock Club '38-'39. AIEE. Photo Club '47-'48.

Hackmann, Robert E.....E. E.....St. Charles, Mo.
Honor List '46-'47. ROTC Band '42-'43-'44. Shamrock Club '42-'43. ASME '42-'43. Tech Club '43. Kappa Sigma '43-'44. House Manager '44. Grand Master '47-'48. Interfraternity Council '43-'44. Student Council '43-'44. Blue Key '44. Vice-President '47-'48. Theta Tau '44. Treasurer '47-'48. Secretary Junior Class '46-'47. AIEE '47.

Hagan, Melvin A.....Cer. E.....Granite City, Ill.
Sigma Pi '46. Transfer Southeast Missouri State Teachers College.

Halcomb, Sammie P.....C. E.....Doniphan, Mo.
Honor List '45-'46-'47.

Haley, Comer C.....E. E.....Edgar Springs, Mo.
Honor List '45-'46. Phi Kappa Phi Bookplate '46. NYA Survey '39-'40. ROTC Cadet Corp. Engineers Club '46. Board of Control '46-'47. Student Council '47. AIEE Treasurer '47. Independents '47. Photo Club '47-'48.

Ham, Horace B.....Min. E.....Mountain Grove, Mo.
AIMME '46.

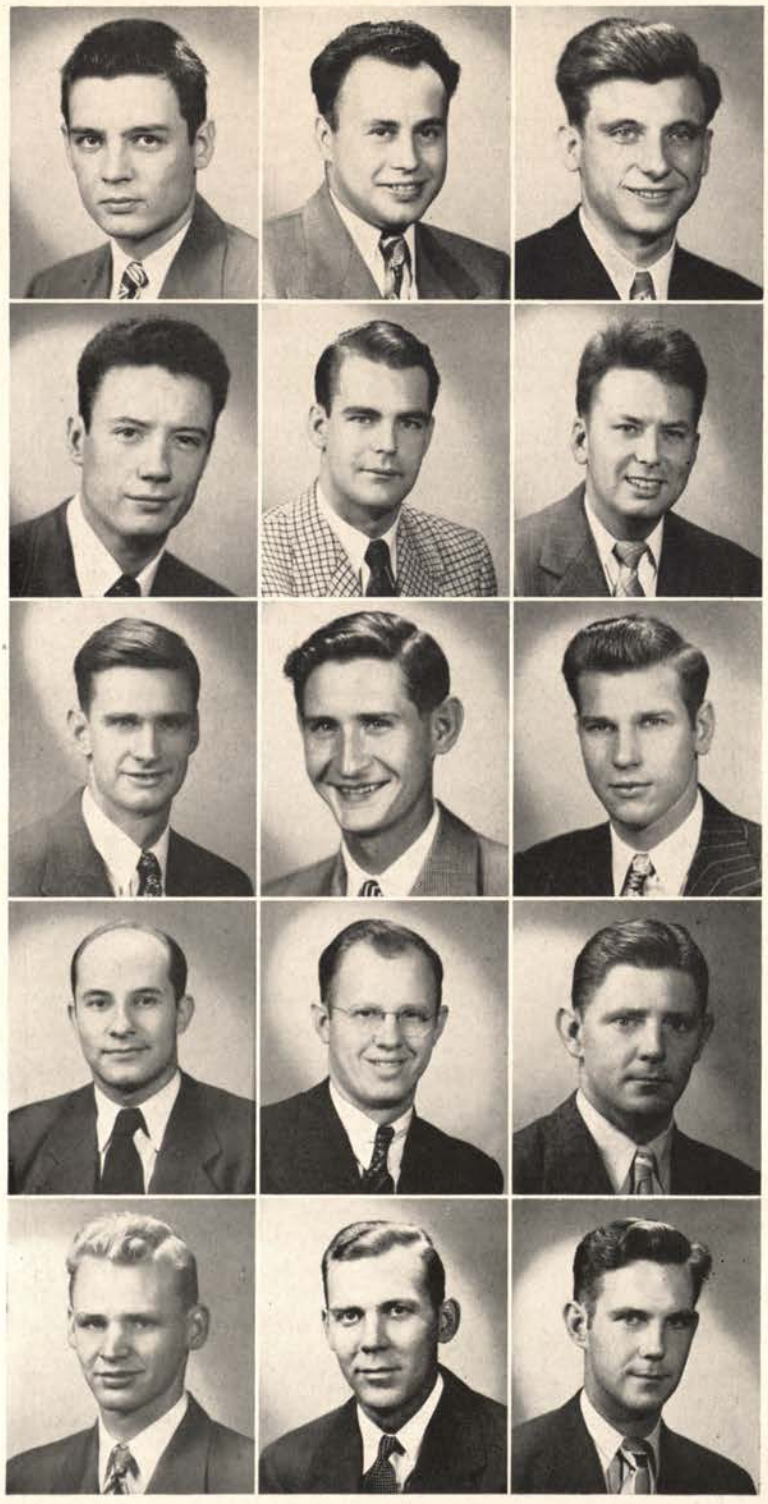
Hampton, Elmer N.....M. E.....Rolla, Mo.
Honor List '46-'47. ASME '47-'48. Transfer Junior College, Flat River.

Harbison, Walter C.....M. E.....Rolla, Mo.
Honor List '41-'42-'46-'47. Phi Kappa Phi Bookplate '42. Alpha Lambda Tau '42. Secretary '42-'43. Interfraternity Council '42-'43. Tech Club '43. ASME '47-'48.

Harkins, Michael J.....E. E.....Springfield, Ill.
Transfer Springfield Junior College.

Hake, John G.....Min. E.....Rolla, Mo.

# Senior Class



W. Hogan
W. Hughes
Irwin
Jackson
C. R. Johnson

J. Hogan
Huffstutler
Jamboretz
Jacoby
Jones

Hudson
Hyde
Janczewski
Jambor
C. C. Johnson

*Jambor gives 'em the "word" in Concrete.*

Harris, Porter K., Jr.....M. E.....Holland, Mo.
ASME '47-'48. Transfer Southeast Missouri State Teachers College.

Harter, Warren F.....Min. E.....Flat River, Mo.
Transfer Flat River Junior College. Engineers Club '43. Music Club '43.

Hartman, William V.....Min. E.....Rolla, Mo.
AIME '46.

Hartmann, Robert F.....Met. E.....Rolla, Mo.
Honor List '46-'47. Shamrock Club '41-'42. ASM '46. APO Secretary '47.

Harvey, Alfred.....Min. E.....Glen Ellyn, Ill.
AIME '47.

Hasko, Stephen.....Cer. E.....Racine, Wisc.
Honor List '41-'42-'43-'46-'47. Phi Kappa Phi Bookplate '42. Blue Key Plaque '42. James Scholarship '42-'43. Tech Club '41-'43. American Ceramic Society '42. President '46. Glee Club '47. Librarian '43. Detonators '43. Music Club '43. Tau Beta Pi '47. Secretary '47. Phi Kappa Phi '47. Transfer University of Wisconsin.

Hechinger, Carl J.....Met. E.....St. Louis, Mo.
Theta Kappa Phi Secretary '45. Student Council '46. Rollamo Board '46. Miner Board '45-'47.

Held, Robert E.....C. E.....Rolla, Mo.
Honor List '46-'47.

Hequembourg, Frank D., Jr.....C. E.....Rolla, Mo.
Honor List '43. CVA Commander '45. Football '45-'46. Sigma Pi '46. ASCE '46. Student Council '47.

Herndon, William F.....Sci.-Geol.....Kansas City, Mo.
Transfer Central College, Kansas City Junior College. ROTC Band '46-'47. Glee Club '47.

Hess, George E.....E. E.....Rolla, Mo.
Transfer University of Missouri.

Hiatt, William H.....Chem. E.....Lee's Summit, Mo.
Sigma Pi '47. AIChE '46. Alpha Chi Sigma '48.

Hildebrand, Robert L.....M. E.....St. James, Mo.

Hoelscher, James W.....Min. E.....Washington, Mo.
Theta Kappa Phi '43. Secretary '46-'47. President '47. Miner Board Business Staff '42-'43-'47-'48. AIME '42-'43. Rollamo Board '47-'48.

Hoey, Paul E.....Cer. E.....Springfield, Mo.
American Ceramic Society '46-'47. Transfer Southeast Missouri State (Springfield, Mo.), Central Missouri State (Warrensburg, Mo.).

Hogan, James R.....Chem. E.....Springfield, Mo.
Sigma Pi '45-'46. AIChE '47. Transfer Southwest Missouri State.

Hogan, William S.....M. E.....West Plains, Mo.
Honor List '45-'46-'47. Kappa Alpha '45-'46. Treasurer '46. Interfraternity Council '46-'47. ASME '47-'48.

Hopkins, James S., Jr.....Met. E.....Kansas City, Mo.
Honor List '46-'47. Transfer Kansas City Junior College.

# of 1948

*Juergens, the relaxed scholar.*

Howell, Richard B.....Met. E.....Alliance, Ohio
Sigma Nu '42-'43. Treasurer '43-'47. Lieutenant Commander '46-'47. Miner Board '42-'43. Student Council '43. St. Pat's Board '47-'48. Theta Tau '47. Blue Key '47-'48.

Howell, Theodore R.....M. E.....Rolla, Mo.
Honor List '46-'47. ASME '47. Transfer William Jewell College.

Hudgens, Ellsworth W.....Chem. E.....Newburg, Mo.
Honor List '46-'47. Basketball '38-'39.

Hudson, Charles N.....Chem. E.....Springfield, Mo.
Honor List '46-'47. Phi Kappa Phi '47. Engineers Club '46. AIChE '46-'47. Vice-President '47-'48. Alpha Chi Sigma '46-'47. Recorder '47-'48.

Huey, Thomas Francis.....
Alpha Phi Omega '39-'40. Detonators '38-'39. Engineers Club '46.

Huffman, Charles R.....Min. E.....Eisingsun, Ohio
AIME. Transfer Bowling Green State University.

Huffstutler, Kay K.....Chem. E.....De Soto, Mo.
Sigma Pi '46-'47. Transfer Southeast Missouri State Teachers College.

Hughes, Walter R.....Cer. E.....Springfield, Mo.
Honor List '47. Transfer Iowa State, Southeast Missouri and Southwest Missouri State.

Hyde, William A.....M. E.....Rolla, Mo.
ASME '47.

Irwin, Armon W.....C. E.....Lakeview, Ore.
Honor List '46-'47. Curators Scholarship '35. ASCE '46.

Italia, Santo.....Min. E.....Collinsville, Conn.
Honor List '46.

Jackson, Jorge.....Chem. E.....Lima, Peru
Kappa Sigma '46. Inner Guard '46. Outer Guard '46. AIChE '46. Secretary '47. Alpha Chi Sigma '47.

Jacoby, Dwight C.....Min. E.....Kansas City, Mo.
Transfer Kansas City Junior College. Tech Club. Engineers Club '46. St. Pat's Board '47. Independents '47.

Jambor, James R.....C. E.....Ferguson, Mo.
Scholastic Leader '40-'41. Blue Key Plaque '42. Honor List '47. ASCE.

Jamboretz, Lawrence J.....E. E.....St. Louis, Mo.
Honor List '46-'47. Triangle '43. Corresponding Secretary '43. Steward '43. Vice-President '44. Recording Secretary '47. Missouri Academy of Science. President Sophomore Class '43-'44. AIEE '43. Student Council '43. Blue Key '47.

Joffe, Gerhard E.....Min. E.....Buenos Aires, Argentina
AIME. Treasurer '47-'48. Alpha Epsilon Pi. Scribe '47. Interfraternity Council. Phi Kappa Phi '47-'48.

Johnson, Carl R.....M. E.....Kansas City, Mo.
ASME '47-'48.

Johnson, Charles C.....C. E.....Fayette, Mo.
Engineers Club '47. ASCE '47. Sigma Phi Epsilon.

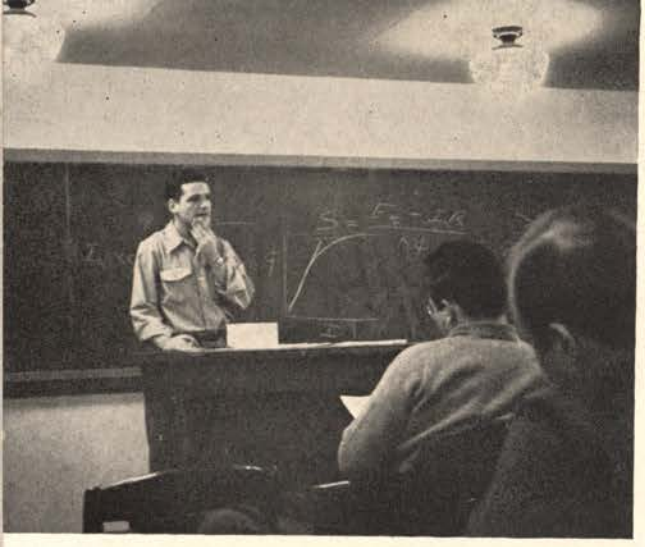
Johnson, Stanley F.....Min. E.....Bonne Terre, Mo.
Engineers Club '42-'43. ROTC Band. Miner Board Advertising Manager. Phi Kappa Alpha '46. Treasurer '47. Theta Tau '47. St. Pat's Board '47-'48.

S. Johnson
Kane
Kaempf
Keeley
Knittel

Joffe
Koster
Kaneen
Kingstand
Kortjohn

Juergens
Koster
Keeton
Knopp
Krog

# Senior Class



*Now let me see . . . .*

Jones, Eugene F.....C. E.....Mexico, Mo.
Varsity Track Team '40. Intramural Sports. ASCE '47.

Jones, Oliver W.....Min. E.....Rolla, Mo.

Juergens, Raymond J., Jr.....Met. E.....St. Louis, Mo.
Independents Board of Control. Miner Board. Engineers Club President '47-'48. Photo Club Vice-President '47-'48. ASM '47-'48.

Kaempf, Leo R.....Met. E.....St. Louis, Mo.
Theta Kappa Phi '43. Historian '44. Junior Class Treasurer '43-'44.

Kalbfleisch, George G.....Met. E.....Webster Groves, Mo.
Tech Club Board of Control '42. ROTC Cadet Sergeant '42-'43. ASM '42-'43-'47-'48. Lambda Chi Alpha '43.

Kane, Leonard F.....Met. E.....Huntington Park, Calif.
Campus Vets Association Secretary '47. Chi Sigma Vice-President '47. President '48. Glee Club. ASM. AIMME.

Kaneen, Albert H.....M. E.....Momence, Ill.
Transfer University of Illinois. Honor List '46. ASME '47.

Kasten, John W.....E. E.....Alton, Ill.
Transfer Shurtleff College. Honor List '46.

Kasten, Max L.....Chem. E.....Alton, Ill.
AIChE '47. Phi Kappa Phi '47. Alpha Chi Sigma '48.

Kawaguchi, Tad.....Cer. E.....San Francisco, Calif.
Honor List '46. American Ceramic Society '48. Keramos '48.

Keeley, Gilbert S.....E. E.....Rolla, Mo.
Phi Kappa Phi '47. Tau Beta Pi '48. Transfer Kansas City Junior College.

Keeton, John R.....Min. E.....Rolla, Mo.
AIMME '48.

Kelso, Jack W.....E. E.....Joplin, Mo.
AIEE '47. Honor List '46.

Kingsland, Schuyler.....Chem. E.....St. Louis, Mo.
Shamrock Club '41-'42. Engineers Club '46. AIChE. Alpha Chi Sigma '47.

Knittel, Robert F.....M. E.....St. Louis, Mo.
Theta Kappa Phi '43. ASME '47-'48. Detonators '43.

Knopp, Charles Roger.....C. E.....Hannibal, Mo.
Lambda Chi Alpha '46. ASCE '47.

Knoebel, Carl W.....Met. E.....Kirkwood, Mo.
ASM '47.

Kortjohn, Oliver H., Jr.....M. E.....St. Louis, Mo.
Triangle Vice-President '45-'46. Librarian '45-'46. St. Pat's Board '45. Wesley Foundation President '46. Rifle Club '46. ASME '47. ROTC Second Lieutenant '47. First Lieutenant '47-'48.

Kracht, Robert Theodore.....M. E.....St. Louis, Mo.
ASME '47.

Kram, Paul.....C. E.....University City, Mo.
Engineers Club '45. Missouri Academy of Science '45. Alpha Epsilon Pi '45. ASCE '46-'47.

Krath, Jay E.....M. E.....Webster Groves, Mo.
Kappa Sigma Vice-President '46. President '45. Rollamo Board '44-'45. Missouri Academy of Science '44-'45. Student Council '45-'47. Secretary-Treasurer '46. Interfraternity Council '45. ASME Treasurer '46. President Sophomore Class '45-'46.

Kreutzer, Robert C.....M. E.....St. Louis, Mo.
Football '43. Pi Kappa Alpha Vice-President '47. President '47. Detonators '43. ASME '47-'48.

Krog, Carl M.....Min. E.....Platteville, Wisc.

Kracht
Kram
Kuse
Leake
Leahy

Krath
Kueser
Landy
Lenzini
Ledbetter

Kreutzer
Kuhn
Lawson
Leaver
Lenox

# of 1948

*McKinney and his highway engineers.*

Lieb
Likens
Logan
Marr
Mann

Lindquist
Loucks
D. Mathews
W. Mathews
Magruder

Littell
Lowder
Masterson
Marchal
Malone

Kueser, John J.....E. E.....Webster Groves, Mo.
Sigma Nu '46-'47. Gamma Delta '47-'48. Chi Sigma '47.

Kuhn, Harry W.....Chem. E.....Rolla, Mo.
Pi Kappa Alpha '43. Treasurer '46. Miner Board '43-'45-'46. Advertising Manager '46. Business Manager '46. Student Council '46. Rollamo-Miner Board of Control '46-'47. St. Pat's Board '47. AIChE '47-'48.

Kuse, Quentin F.....Sci.-Geol.....St. Louis, Mo.
Sigma Nu '45. Gamma Delta President '45. Secretary '46. Missouri Academy of Science '44-'45. Miner Board '45.

Landy, Herbert G.....Chem. E.....Racine, Wisc.
Triangle '43. Missouri Academy of Science '42-'43. AIChE '43-'44. Engineers Club '43.

Lankford, Hal G.....Chem. E.....Lebanon, Mo.
Honor List '46-'47.

Lawrence, William J.....M. E.....Springfield, Mo.
AIEE

Lawson, Vernon R.....E. E.....Seneca, Mo.
AIEE '47.

Leahy, John V.....E. E.....St. Louis, Mo.
Honor List '45-'46-'47. Theta Kappa Phi '43. Treasurer '45-'46. St. Pat's Board '45-'47. Interfraternity Council President '46-'47. Rollamo Board '45-'46. AIEE '47. Blue Key '48.

Leake, William A.....C. E.....Bolckow, Mo.
Honor List '46-'47. ASCE '46-'48. Treasurer '47. Student Assistant C. E. Department. Phi Kappa Phi Bookplate '46.

Leaver, Harvey B.....C. E.....Rolla, Mo.
Sigma Nu. ASCE '42-'43. President '47. Vice-President '47-'48. Interfraternity Council Alternate '43. Secretary '43. Student Council '47. President '48. Honor List '46-'47.

Ledbetter Carroll L.....E. E.....Flat River, Mo.
AIEE '47. Honor List '46-'47.

Lenox, William H.....C. E.....Rolla, Mo.
Honor List '41-'46-'47. Sigma Nu '43-'45-'48. Tau Beta Pi Treasurer '47-'48. ASCE.

Lenzini, Charles.....Met. E.....Orient, Ill.
Honor List '46-'47. Engineers Club '42-'43. Basketball "B" Team '47. AIME.

Lieb, Raymond J.....Chem. E.....East St. Louis, Ill.
AIChE '47.

Lightfoot, Edward S.....C. E.....Cape Girardeau, Mo.
Transfer Southeast Missouri State Teachers College.

Likens, John W.....E. E.....Cape Girardeau, Mo.
AIEE. Transfer Southeast Missouri State Teachers College.

Linquist, Elmo G.....M. E.....Rolla, Mo.
James Scholarship Award '46. Missouri Academy of Science '45. Vice-President '46. ASME '45. Secretary '46. Vice-Chairman '47. Chairman '48. Theta Tau '47.

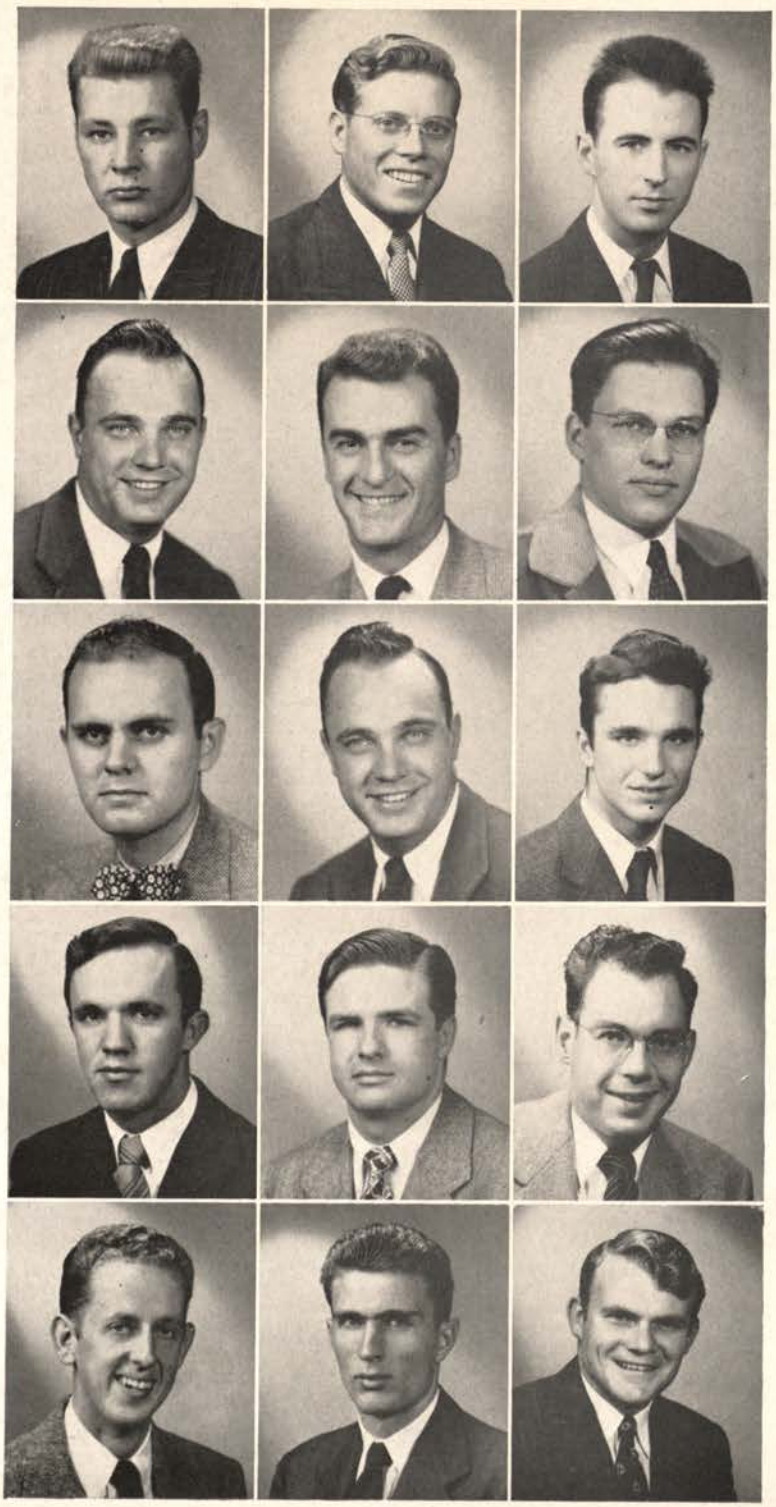
Littell, Edward G.....Met. E.....Brooklyn, N. Y.
Tech Club '40-'41-'42. Engineers Club '46. AIME. ASM '46.

Logan, James W.....M. E.....Cape Girardeau, Mo.
Honor List '45-'47-'48. Sigma Pi '46. Student Council. ASME '47. St. Pat's Board '47-'48. Theta Tau '48.

Loucks, Earl W., Jr.....Chem. E.....Camden, N. J.
Honor List '46-'47. Lambda Chi Alpha '46-'47. AIChE '47-'48. Alpha Chi Sigma '48. Transfer Franklin and Marshall College.

# Senior Class

*"I wish all the girls were like . . ."*



Markway
McColgin
McGehee
McKinney
Mefford

Martin
McCarthy
McColgin
McClary
Merritt

McGovern
McPheeters
McKelvey
McGuire
Mitchell

Lowder, Donald G.....Chem. E.....Rich Hill, Mo. Honor List '46-'47. Engineers Club '43-'44. Student Assistant Chemistry Department '46-'47. AIChE '46-'48. Alpha Chi Sigma '46-'48.

McCarthy, John F.....C. E.....St. Louis, Mo. Honor List. Phi Kappa Phi Bookplate '46. Miner Board '46. Engineers Club '46.

McClary, Lee R.....E. E.....St. Louis, Mo. Lambda Chi Alpha '43. Secretary '43-'44. ASME '43-'44 AIEE '47. Honor List '46.

McClelland, Roland H., Jr.....Cer. E.....Kansas City, Mo. Missouri Academy of Science '46. ACS '46. Photo Club '47.

McColgin, Dennis L.....M. E.....Joplin, Mo. Sigma Nu '47. ROTC Band '42. Golf Team '47.

McColl, Gerald D.....Min. E.....Rolla, Mo. Honor List '46.

McCormack, George E.....Min. E.....New Castle, Ala. Honor List '46-'47.

McGehee, Charles L.....Sci.-Chem.....Joplin, Mo. Alpha Chi Sigma '48. Honor List '46-'47.

McGovern, James J.....M. E.....St. Louis, Mo. Independents Board of Control '41-'42-'43. Tech Club '41-'42-'43. President '43. St. Pat's Board '42-'43. Student Council '42-'43. Theta Tau '43-'46-'47. President '47. Blue Key '47. Honor List '41-'42.

McGuire, Albert G., Jr.....C. E.....Lander, Wyo. ASCE '46-'47. Phi Kappa Phi '47. Tau Beta Phi '47-'48. Honor List '46-'47-'48.

McKelvey, Ralph E.....M. E.....Sedalia, Mo. Independents '47-'48. St. Pat's Board '47-'48. Honor List.

McKinney, John D.....C. E.....Belleview, Mo. Honor List '46-'47. ASCE.

McMillan, William C.....M. E.....South Standard, Ill. Pi Kappa Alpha '46. ASME '47. Chairman '47-'48. Theta Tau '47. Honor List '45-'46. Phi Kappa Phi Bookplate '46. Honor List '47. Theta Tau Regent '48.

McNary, Billy D.....Sci.-Phy.....Sheldon, Mo. Honor List '47. Tech Club '41. ASCE. Photo Club.

McPheeters, Woodward R.....M. E.....Webster Groves, Mo. Honor List '42-'45. Phi Kappa Phi Bookplate '46. Kappa Alpha '43. Missouri Academy of Science Secretary '43. Tech Club '43. ASME '43. Treasurer '44. Alpha Phi Omega '44. Treasurer '45. Miner Board '44. Radio Club '47.

Maaruder, William H.....Met. E.....Portsmouth, Va. Honor List '43-'46-'47. Blue Star Award '43-'44. Staff Sergeant ROTC '47. Kappa Alpha '47. SAME. Interfraternity Council.

Malone, Albert V.....Chem. E.....Seaton, Mo. Honor List '45-'46-'47. Alpha Chi Sigma '45. Rifle Club '45. Student Assistant Chemistry Department '46. AIChE '47.

Mann, Horace T.....M. E.....Rolla, Mo. Sigma Nu. Music Club '45. ASME '46-'48. Rifle Club '46. Treasurer. Alpha Phi Omega '46-'48. Treasurer '47. Miner Board '46-'48. Rollamo Board '47-'48. Art Editor '47.

# of 1948

*A quiet drive in the country.*

Marchal, Jacques H.....Min. E.....Sraervan, France
Honor List '46-'47.

Markway, LeRoy H.....Met. E.....Jefferson City, Mo.
Honor List '42-'46. Theta Kappa Phi '43-'48. Treasurer '47. Executive Council '47. Miner Board '43. Sophomore Class Secretary '43. Football '43-'47. Interfraternity Council.

Marr, Charles A.....Min. E.....Great Falls, Mont.

Martin, Harold W.....E. E.....St. Louis, Mo.
CVA Chaplain '46. Staff Sergeant ROTC '47. Sergeant ROTC '47. Second Lieutenant '48. SAME '47. AIEE '47. Engineers Club '47. Independents '47.

Martin, Samuel E.....Chem. E.....Hannibal, Mo.
Honor List '42-'45-'46-'47. Phi Kappa Phi Bookplate '46. Shamrock Club '42. Engineers Club '46. AIChE '46. Alpha Chi Sigma '46. Master of Ceremonies '47.

Masterson, John M.....C. E.....Rolla, Mo.
Lambda Chi Alpha '45. Treasurer Freshman Class '44. Campus Vets Treasurer '44. Secretary '45. Missouri Academy of Science '44-'45. Theta Tau '47. Radio Club '47. Honor List '45.

Mathews, Donald J.....M. E.....St. Louis, Mo.
CVA '45. Commander '46. Football "M" '45-'46-'47. Engineers Club '46. Business Manager '46. Student Council '46. Blue Key '47. President '48. Independents '47. President '48.

Mathews, Walter A.....E. E.....St. Louis, Mo.
Theta Kappa Phi. Vice-President '45-'46. Assistant Treasurer '46. Detonators '42. Honor List '46-'47-'48. Interfraternity Council Alternate '44-'48. Rollamo Board '47-'48. AIEE '47. Blue Key '48.

Mefford, Nace F.....Pet. E.....Lynchburg, Va.
AIMME '46. Honor List '47. Photography Club '47.

Menze, Richard J.....Met. E.....Kansas City, Mo.
ASM.

Merritt, Glenn E.....Chem. E.....St. Louis, Mo.
Pi Kappa Alpha. Rollamo Board '43. Student Council '43. AIChE '48. Tau Beta Pi '48.

Miazga, Joseph F.....Chem. E.....Ludlow, Mass
Kappa Alpha President '47-'48. AIChE '46-'47-'48. Alpha Chi Sigma '47.

Michael Grover L., Jr.....Cer. E.....Frederick, Md.
American Ceramics Society '47.

Miller, James L.....Met. E.....St. Louis, Mo.
Sigma Phi Epsilon Secretary '47. Shamrock Club '42-'43. Engineers Club '46-'47.

Miller, William J.....Met. E.....Rolla, Mo.
Honor List '45-'46.

Miller, William M., Jr.....Min. E.....Mercer, Wisc.

Mitchell, Charles M.....M. E.....Oxford, Mass.
ASME '47-'48. Honor List '46-'47.

Moe, Harold G.....C. E.....Honolulu, T. H.
Tech Club '43-'44. ASCE '43-'44. Independents. Student Council '44-'45-'46. Secretary '45-'46. Miner Board '44. St. Pat's Board '45-'47-'48. Wesley Foundation '45. Engineers Club '47-'48. Honor List '43-'44-'46-'47.

J. L. Miller
Miazga
Moore
Mundy
Needham

Michael
Moline
Moniak
Murrell
Neustaedter

W. M. Miller
Moe
Murney
Nease
K. Niewhoener

# Senior Class

*"Hey, which rodman is ours?"*

Moline, Gordon H.....Met. E.....Gardner, Mass.
Lambda Chi Alpha. Vice-President '47-'48. Rollamo Board '39-'40-'41. Intramural Sports '39-'40. ASM '47. AIME President '47-'48. Honor List '46-'47.

Moniak, Eugene.....M. E.....Brooklyn, N. Y.
Sigma Nu Lieutenant Commander '47. Recorder '43-'44. Alpha Psi Omega Secretary-Treasurer '42. Miner Board Business Department '42-'43-'44. ASME '42-'43-'47-'48. Student Council '43-'44.

Moore, Paul, Jr.....Chem. E.....Rolla, Mo.
Kappa Alpha. AIChE '46-'47. Honor List '45-'46-'47. Phi Kappa Phi Bookplate '46. Alpha Chi Sigma '46-'47. St. Pat's Board '47.

Moss, Winston C.....Chem. E.....Rolla, Mo.
Alpha Chi Sigma '48. AIChE '47-'48. James Scholarship Secretary '46. Honor List '46-'47.

Mueller, Edward E.....Cer. E.....Wood River, Ill.
APO '46-'47. President '47-'48. Rollamo Board '47-'48. Honor List '46-'47. James Scholarship Secretary '47.

Mundy, John L.....E. E.....St. Louis, Mo.
Rifle Club '45-'48. President '46. Varsity Rifle Team '47. Honor List '46.

Murney, William B.....E. E.....Rolla, Mo.
Theta Kappa Phi. St. Pat's Board Activity Chairman '39-'40. Student Council '46-'47. AIEE Vice-Chairman '47. President '47-'48. Miner Board News Staff '47-'48. Honor List '45-'46-'47. Phi Kappa Phi Bookplate '46. Blue Key '47-'48.

Murrell, James R., Jr.....Chem. E.....West Plains, Mo.
AIChE '46-'47.

Myers, Clarice, Jr.....Min. E.....Rolla, Mo.
Honor List '47.

Myers, Earl R.....Chem. E.....Rolla, Mo.
AIChE '46-'47.

Nease, Robert J.....E. E.....Malden, Mo.
Tech Club '41-'42-'43. Scholastic Leader '40-'41. Tau Beta Pi. Phi Kappa Phi Bookplate '41-'42. AIEE '47. Honor List '41-'42-'46-'47.

Needham, Monell E.....C. E.....University City, Mo.
Tau Kappa Epsilon '47.

Neustaedter, William E.....C. E.....St. Louis, Mo.
Honor List '46-'47. ROTC Band '40. Engineers Club '41. ASCE '47.

Niewoehner, Kenneth E.....Met. E.....Richmond Heights, Mo.
Honor List '44-'45-'46-'47. Phi Kappa Phi Bookplate '45. Tau Beta Pi '47. Miner Board '47. Blue Key '47. Lambda Chi Alpha '45. Glee Club Treasurer '45-'47. APO '48. Missouri Academy of Science '44. ROTC Cadet Sergeant, Cadet First Lieutenant '45. Rollamo Board Editor-in-Chief '45. Assistant Editor '46. Rollamo-Miner Board of Control '45. Rifle Club '45. President, Secretary '46. ASM '46-'47. Tau Beta Pi Vice-President '47. Student Council '47. Theta Tau '47.

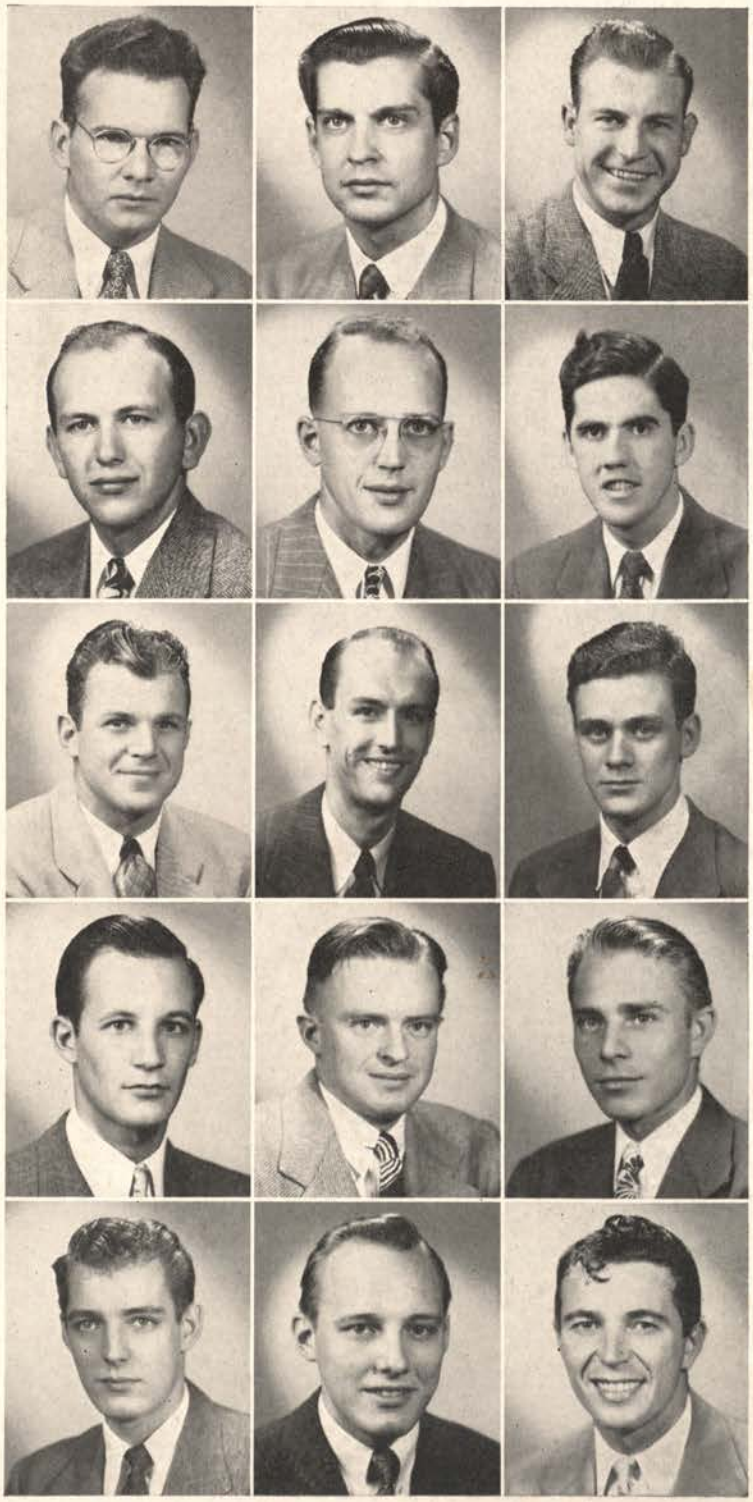
Niewoehner, Robert J.....Met. E.....Richmond Heights, Mo.
Engineers Club '47. Lambda Chi Alpha '43. High Tau '47. AIMME '46. Photo Club '47.

Nolan, James B.....Min. E.....Richland Center, Wisc.

Normann, Arne.....M. E.....Oslo, Norway
Honor List '46-'47. Phi Kappa Phi. Tau Beta Pi. ASME '47.

Novotny, Jerome D.....Min. E.....Tyndall, S. Dak.
Honor List '46.

Nowlin, Roger E.....Met. E.....Concordia, Mo.
Shamrock Club '42. Detonators '43. Engineers Club '46. AIMME '46. ASM '46. Treasurer '47.



R. Niewhoener
Ochs
Paschen
Pagey
D. P. Petersen

Norman
Olsen
Parmenter
K. F. Peterson
Pickett

Nowlin
O'Neill
Parkinson
K. Petersen
Porkorney

# of 1948

*E.E. Seniors at Bagnall Dam.*

Presley
Ramsey
Raymer
Reed
Rhoads

Prokes
Raining
Rains
Reinert
Riley

Procton
Ray
Rasmussen
Redd
Roderique

Ochs, Calvin M.....M. E.....Perryville, Mo.
ASME '47. Gamma Delta '47.

O'Neill, Lawrence F.....C. E.....St. Louis, Mo.
ASCE '47. Honor List '47.

Olsen, Lyle M.....Min. E.....Rolla, Mo.
AIMME. Transfer Wisconsin Institute Technology.

Pagezy, Michel J.....Min. E.....Clayiers, France

Parkinson, William M.....Met. E.....Springfield, Mo.
Kappa Alpha Treasurer '42. Secretary '46. Student Council '45.

Parmenter, Earle G.....E. E.....Kansas City, Mo.
Radio Club '47.

Paschal, Edward F.....C. E.....Verona, Mo.
Honor List '46-'47. ROTC Band '46.

Paschen, Richard G.....Min. E.....Princeton, Ill.

Petersen, David P.....Chem. E.....St. Louis, Mo.
Gamma Delta '47. Sigma Nu '45. Recorder and Reporter '45-'46. Commander '47. Missouri Academy of Science '45. ROTC Cadet Corp '45. Alpha Chi Sigma '46. AIChE '46.

Petersen, Kenneth C.....Min. E.....St. Louis, Mo.
Triangle '47. Recording Secretary '45-'46. President '46.

Peterson, Kenneth F.....Met. E.....Sherwood, Ga.
ROTC Second Lieutenant '47-'48. Kappa Alpha '47. SAME '47. Honor List '46-'47.

Pickett, Ray E.....Met. E.....Rolla, Mo.
Sigma Nu '45. ROTC Band '45-'47. Football '45. Missouri Academy of Science '45. Student Council '46. Wesley Foundation '45. Vice-President Junior Class '46. Tau Beta Pi. Phi Kappa Chi '47. Blue Key '47. Theta Tau

Pokorney, Charles F.....Min. E.....Richland Center, Wisc.

Presley, William H.....M. E.....Kansas City, Kans.
ASME '47. Transfer Kansas City Junior College.

Price, Charles W.....C. E.....Conway, Ark.
Transfer Arkansas State Teachers College.

Procton, Albert W.....E. E.....New York, N. Y.
AIEE. Radio Club '47. Treasurer '48. Photography Club '47. Miner Board '47-'48. Honor List '46.

Prokes, Robert A.....M. E.....St. Louis, Mo.

Raining, C. R.....C. E.....Clayton, Mo.
AIChE '43. Engineers Club '43-'44. ASCE '47. Honor List '46-'47.

Rains, L. A.....E. E.....Ana, Ill.
Transfer Southern Illinois Normal University. Honor List '47.

Ramsey, George H.....M. E.....Rolla, Mo.
Kappa Alpha '42-'48. Miner Board, Managing Editor '46. ASME '47. Honor List '46.

Rankin, J. F.....Pet. E.....Lorinton, Ill.
Honor List '46-'47.

Rasmussen, Kermit N.....M. E.....St. Louis, Mo.
Missouri Academy of Science Vice-President '42-'43. Student Council '43. Shamrock Club '42-'43. Triangle '43. Interfraternity Council '46. Secretary-Treasurer '46-'47.

# Senior Class

Rock
H. D. Ross
Rodden
Rous
Russell

Rother
Robbins
J. Ross
Russell
Salvo

H. C. Ross
Rolaff
C. J. Ross
Ruwwe
Schenck

*Imperspicuous Civils.*

Ray, Andrew L.....M. E.....St. Louis, Mo.
Transfer Westminster College.

Ray, Billy B.....M. E.....Humansville, Mo.
Engineers Club '46. ASME '47. Independents '47. Tau Beta Phi '47. Phi Kappa Phi '47.

Raymer, Gordon E.....C. E.....St. Louis, Mo.
Kappa Sigma '45-'46. President '48. Miner Board News Staff '47. ASCE Secretary '47-'48.

Redd, William C.....M. E.....Roxana, Ill.
Shamrock Club '42-'43.

Reed Chas. Watkins III....M. E.....Montgomery City, Mo.
Photo Club '42-'43. Kappa Sigma '43. ASME '47-'48. Kappa Sigma Assistant Secretary '43-'44.

Reinert, Donald O.....E. E.....St. Louis, Mo.
Honor List '47. Shamrock Club '41. AIChE '41. Treasurer '42. Student Council '42. Independent Board of Control '43. Engineers Club '46. CVA Sergeant-at-Arms '47. AIEE Secretary '47. Sigma Phi Epsilon '47. Theta Tau '47. Vice-Regent '48. Blue Key '47.

Rhoads, Donald E.....C. E.....Vinita, Okla.
ASCE '47. Honor List '47.

Riley, Don Alexander.....C. E.....Kansas City, Mo.
ASCE '47. Honor List '47. Transfer Westminster College.

Roberson, James K.....Min. E.....Rolla, Mo.
Transfer Southeast Missouri State College.

Rock, Robert M.....Met. E.....St. Louis, Mo.
Engineers Club. Gym Club '46-'47. AIME '42. Music Club '44. Photo Club '43-'44-'47. Lambda Chi Alpha '47. ASM '47. Miner Board News Staff '47. Theta Tau '47. Blue Key '47.

Rodden, Wilden D.....E. E.....Muskogee, Okla.
Honor List '47.

Roderique, Francis O.....Chem. E.....Carterville, Mo.
AIChE '46-'47. Alpha Chi Sigma '46-'47. Historian '47-'48. Phi Kappa Phi '47-'48.

Roehl, Ernest R.....E. E.....Bland, Mo.
Phi Kappa Phi '47.

Rolaff, Eric.....Chem. E.....Rolla, Mo.
Sigma Nu. Miner Board '45-'47. ROTC Staff Sergeant. AIChE President '46. Alpha Chi Sigma. Rifle Club. Rollamo Board. Miner Board. Blue Key.

Root, Robert Lee.....Min. E.....Morquette, Kans.
AIMME '46. Honor List '46.

Ross, Charles J.....M. E.....St. Louis, Mo.
Sigma Nu. Tennis Team. ASME '47-'48. Interfraternity Council '47-'48.

Ross, Harvey D.....Met. E.....Palmyra, Mo.
Engineers Club '41.

Ross, Herman C.....E. E.....Rolla, Mo.
ASME. AIEE.

Ross, Jesse.....E. E.....Rolla, Mo.
AIEE. Phi Kappa Phi '47.

Rother, William J.....E. E.....Kirkwood, Mo.
Blue Key. "M" Club. Tau Beta Phi. Miner Board. Rollamo Board. ROTC Cadet. St. Pat's Board. Missouri Academy of Science. Student Council. Wesley Foundation. Theta Tau. Radio Club. Phi Kappa Phi. Honor List.

*Prosaic Mechanicals.*

Rous, William C.....Cer. E.....Rolla, Mo.
Missouri Academy of Science '46. Fencing Club '47. ASC '48.

Russell, Dale K.....Min. E.....Platteville, Wisc.
Transfer Wisconsin Institute of Technology.

Russell, George D.....E. E.....Rolla, Mo.
AIEE. Phi Kappa Phi.

Ruwwe, Ralph W.....Min. E.....Rolla, Mo.
Football '40-'41. Theta Tau Regent '46. "M" Club. Blue Key. Honor List '41-'42-'46-'47.

Sachs, Herbert B.....Chem. E.....Rolla, Mo.
Alpha Chi Sigma '46. Treasurer '47. AIChE '47.

Salvo, Joseph V.....M. E.....Crystal City, Mo.
Honor List '47. Triangle. ROTC Band. Missouri Academy of Science Vice-President '41-'42. Alpha Phi Omega. ASME '47-'48.

Sarzin, Julius L.....E. E.....Brooklyn, N. Y.
AIEE '47. Honor List '46-'47.

Schaeffer, William A.....Min. E.....Midland, Texas
Sigma Nu. ROTC. Alpha Phi Omega Historian '45. Treasurer '45. Miner Staff. AIME '45. Missouri Academy of Science '44-'45. Rollamo Board '45. Honor List '44. Phi Kappa Phi Bookplate '45.

Schalk, Norbert.....E. E.....St. Louis, Mo.
AIEE. Honor List '46-'47. Transfer University of Kansas.

Schambura, Wilbert E.....E. E.....Perryville, Mo.
AIEE. Transfer Southeast Missouri State Teachers.

Schenck, Frederick L.....Min. E.....Rolla, Mo.
Honor List '46-'47. Phi Kappa Phi '47. Tau Beta Pi '47-'48. AIME.

Schmidt, Donald G.....Met. E.....Hinsdale, Ill.
Kappa Alpha Treasurer '47. AIMME '46. Alpha Phi Omega '46. Theta Tau '47.

Scholz, Arthur E.....Met. E.....Cranford, N. J.
Basketball '41. Kappa Sigma. "M" Club.

Schowalter, Ralph E.....M. E.....St. Louis, Mo.
Honor List '46-'47. Tech Club. Shamrock Club. Engineers Club. ASME. Sigma Phi Epsilon. Theta Tau Treasurer '48. Interfraternity Council.

Schroeder, Pauline Fay B.....Cer. E.....Rolla, Mo.
Transfer Wisconsin Institute of Technology.

Schultz, Edward C.....C. E.....Cape Girardeau, Mo.
AIEE. Transfer Southeast Missouri College.

Schwartz, Ely.....Min. E.....Rolla, Mo.

Schweder, Henry P.....Chem. E.....Kansas City, Mo.
AIChE. Alpha Chi Sigma. Transfer Kansas City Junior College.

Scott, Marvin D.....Chem. E.....Newburg, Mo.
Engineers Club '40.

Sears, John H.....E. E.....Webster Groves, Mo.
Kappa Alpha.

Sessen, George V.....E. E.....West Plains, Mo.
Kappa Alpha. Transfer Drury College.

Sexauer, Bernard J.....Met. E.....St. Louis, Mo.
Kappa Sigma. Football '43-'44. ASM '46-'47. Master of Ceremonies '47.

Schultz
Schowalter
Scott
Sears
Shwartz

D. Schmidt
Schweder
Scholz
Sexauer
Simpkins

Schaeffer
Schroeder
Schamburg
Shatto
Simmons

# Senior Class

*Checkin' results.*

Sharp, Frank W.....M. E.....Illmo, Mo.
Transfer Southeast Missouri State College.

Shatto, Paul F.....Chem. E.....Dawn, Mo.
Alpha Phi Omega. AIChE. Alpha Chi Sigma. ROTC. SAME.

Shepherd, Alfred H., Jr.....M. E.....Mt. Vernon, Mo.
Transfer Miami University. Honor List '47. ASME '47.

Sheppard, Homer T., Jr.....Met. E.....Rolla, Mo.
American Society for Metals. Transfer Southeast Missouri College.

Schwartz, Alvin H.....Met. E.....New Bedford, Mass.
Missouri Academy of Science '42. ASM '46. Varsity Football '46-'47. Track '47. Alpha Phi Omega '47. Engineers Club '47. "M" Club '46-'48.

Simpkin, William E.....M. E.....Hannibal, Mo.
ASME '47. Phi Kappa Phi '47. Tau Beta Pi '47.

Slagt, Frederick W.....Min. E.....Hazel Green, Wisc.

Smith, David G.....C. E.....Palestine, Ill.
ASCE President '47-'48. Honor List '47.

Smith, Harlan D.....Cer. E.....Wellsville, Mo.
American Ceramic Society '47.

Smith, Rex S.....Chem. E.....Rolla, Mo.
Sigma Pi. Glee Club. Music Club. AIChE. Honor List '47.

Smith, Walter Franklin, Jr.....Chem. E.....Springfield, Mo.
Engineers Club. AIEE. Honor List '47.

Soja, J.....Met. E.....Benwood, W. Va.
Honor List '45-'47. ASM '47.

Southwick, Peter F.....Geol.....Hartford, Conn.
Transfer Dartmouth College. Honor List '47.

Sphar, Curtis W.....Min. E.....DuQuoin, Ill.
Transfer Illinois Western University. Honor List '47.

Spinali, Sam T.....E. E.....St. Louis, Mo.
AIEE '47-'48.

Spinzig, Edgar W., Jr.....C. E.....Kirkwood, Mo.
Honor List '46-'48.

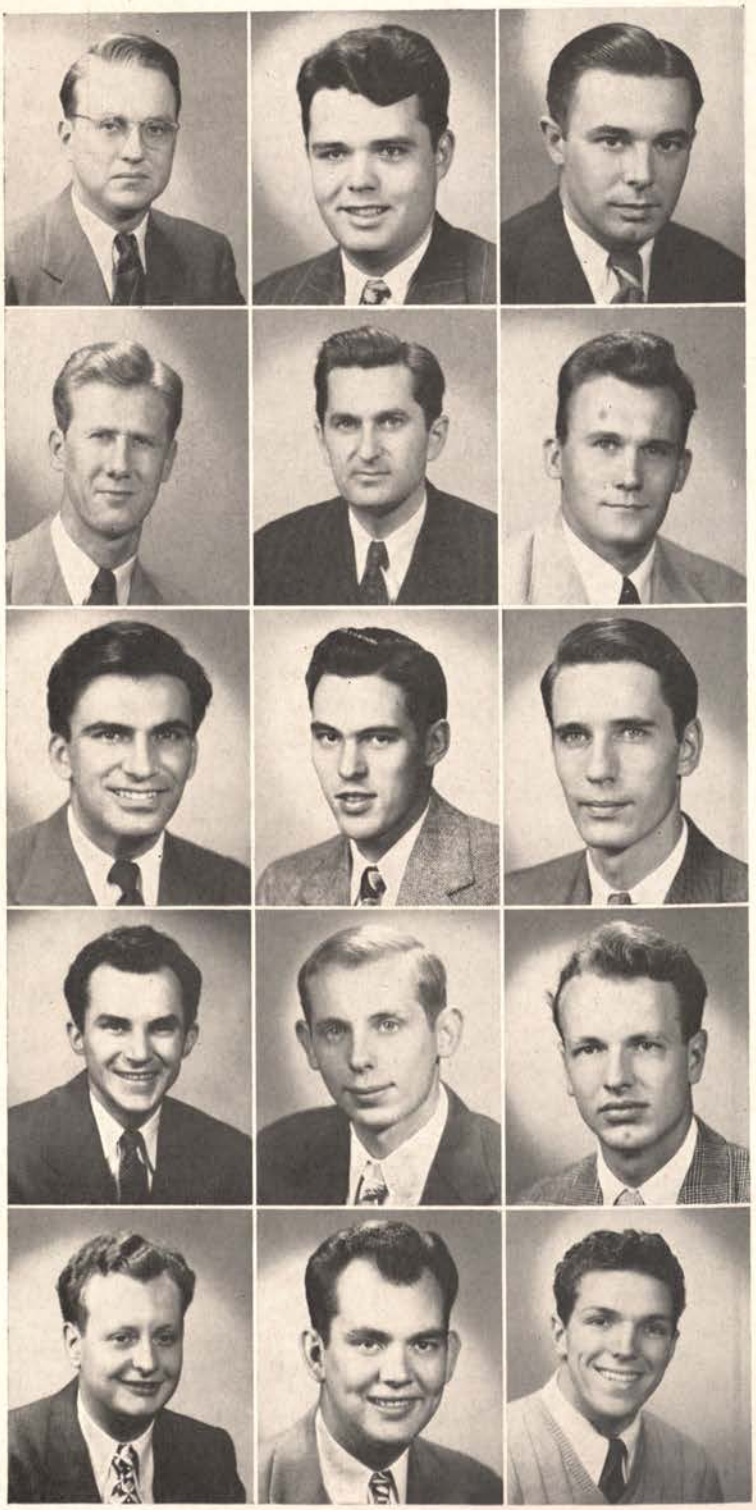
Stahl, Robert A.....Chem. E.....Sprinafield, Mo.
Alpha Chi Sigma. Tau Beta Pi. AIChE. Phi Kappa Phi. Transfer Southeast Missouri State College.

Stanley, John L.....E. E.....Rolla, Mo.
Radio Club.

Stauffer, Clyde M.....C. E.....Phoenix, Arizona
Transfer University of Arizona. ASCE. CVA '47. Treasurer '47. Honor List '46-'47.

Stoecker, Wilbert F.....M. E.....Valley Park, Mo.
President Academy of Science '43. Tau Beta Pi Secretary '48. Lambda Chi Alpha. Glee Club. Blue Key. ASME. Gamma Delta President '47-'48. Interfraternity Council President '47-'48. Phi Kappa Phi. James Scholarship '43-'44.

Stohldrier, Oliver H.....Chem. E.....Webster Groves, Mo.
Engineers Club. Miner Board. Student Council. Independents. Honor List.



Slaght
W. F. Smith
Spinali
Stauffer
J. Sullivan

D. G. Smith
Soja
Spinzig
Stoecker
Sutton

H. D. Smith
Spahr
Stryker
Stahl
Swientek

# of 1948

Tapperson
Tittman
Trace
Valleroy
Van Kirk

Tesmer
Tothill
Trotter
Van Amburg
Van Eaton

Thurman
Todd
Tuttle
Vaden
Vicoli

*A joke by Legsdin.*

Stryker, Robert S.....Met. E.....Rolla, Mo.
American Society of Metals.

Sullivan, John A.....Chem. E.....St. Louis, Mo.
Kappa Sigma. Miner Board. Rollamo Board. AIChE. Interfraternity Alternate and Council.

Sutton, Glen W.....Min. E.....Annapolis, Mo.
Transfer Colgate University.

Swientek, Raymond H.....C. E.....Chicago, Ill.
ASCE. Engineers Club.

Tapperson, Arthur, Jr.....M. E.....Maplewood, Mo.
Kappa Sigma. "M" Club '43-'44. Honor List '46-'47. Football '43-'44. Theta Tau. ASME.

Teas, William C.....C. E.....Freeport, N. Y.
Football. ASCE. "M" Club. Transfer University of Alabama.

Tesmer, Dale L.....Min. E.....Platteville, Wisc.
Transfer Wisconsin Mining School.

Thurman, William H.....C. E.....Independence, Mo.
ASCE '46-'47. Engineers Club '46-'47.

Todd, Fred Allen.....Met. E.....Vichy, Mo.
Tech Club '43-'44. Independents Vice-President '47-'48. ASM '47. Engineers Club '47-'48. Photo Club '47. Student Council '47. ASME '48.

Trace, James J.....M. E.....Crystal City, Mo.
Engineers Club '43-'44-'47-'48. Detonators '43. ASME '47-'48. Honor List '43-'46-'47.

Trogdon, Ray L.....E. E.....Alton, Ill.
Engineers Club '43-'44. AIEE '43-'44-'47. ROTC Band '43-'44.

Trotter, Jack K.....Min. E.....Herrin, Ill.
Honor List '46-'47.

Tuttle, Arthur L.....Min. E.....Baraboo, Wisc.
Honor List '47.

Uriwal, Alfone F.....Met. E.....St. Louis, Mo.
Honor List '45-'46. Phi Kappa Phi '46. Sigma Nu. Miner Board '43. Student Council '47. ASM '47.

Usadel, Albert W.....Min. E.....Wausau, Wisc.
AIME '47.

Vaden, John D.....Chem. E.....Rolla, Mo.
Transfer Central College. AIChE '46-'47. Alpha Chi Sigma '46-'47. Honor List '45-'46. Phi Kappa Phi Bookplate '46.

Valleroy, Vincent V.....Chem. E.....St. Genevieve, Mo.
Transfer Southwest Texas State Teachers College. AIChE. Alpha Chi Sigma. ROTC Band '41-'42. A. P. Green Scholarship '47. Tau Beta Pi '47. Phi Kappa Phi.

Van Eaton, Charles W.....Sci. Geol.....Oklahoma City, Okla.
Honor List '46-'47.

Van Kirk, James D.....Min. E.....Waterloo, N. Y.
Radio Club '47. AIME '48.

Vogenthaler, Thomas J.....Min. E.....Rolla, Mo.
Theta Kappa Phi '41. Executive Council '46-'47. Pledge Manager '46. Miner Board '43. Alpha Psi Omega '42. Student Council Alternate '43. Glee Club '47.

# Senior Class

Vogenthaler
Vsadel
R. A. Walker
Wehking
Whaley

Vogt
Watkins
R. H. Walker
Wetzel
Whanger

Volz
Warren
Weidberg
Westmoreland
R. White

*Niewhoener again?*

Vogt, Joseph C.....Met. E.....St. Louis, Mo.
Tech Club '43-'44. AIChE '43. Independents Board of Control '43-'44. Student Council '44. Vice-President '45. Engineers Club '44-'47. Tau Beta Pi Vice-President '44. Junior Class Vice-President ASM '46. Chairman '47. Blue Key '47. Phi Kappa Phi '47. Honor List '43-'46-'47.

Volz, Robert A.....M. E.....St. Louis, Mo.
Football '46-'47. ASM '47. Honor List '46-'47.

Walker, Richard A.....M. E.....St. Louis, Mo.
Lambda Chi Alpha '42. President '47. Social Chairman '46. Alpha Phi Omega '43. Sergeant-at-Arms '43. Junior Class President '43. Theta Tau '47. Outer Guard '48. ASME '47-'48. Honor List '46-'47.

Walker, Richard H.....E. E.....Rolla, Mo.
Football '38-'39. Shamrock Club '38-'39. AIEE '47. Vice-President '47-'48. Lambda Chi Alpha '34. Assistant Treasurer '40. Second Award in Wrestling '39-'40. Intramural Sports '39-'40.

Wallace, John Walter.....M. E.....St. Louis, Mo.
ASME '47. Vice-Chairman '48. Honor List '46-'47.

Wallace, John William.....M. E.....Caney, Kans.
ASME '48.

Warren, Glenn W.....C. E.....Springfield, Mo.
Chi Sigma '47. ASCE '47.

Watkins, Paul A.....C. E.....St. Joseph, Mo.
Student Assistant Military Department '47. SAME '47. Distinguished Military Student '48. ASCE '47-'48.

Watts, Aubrey B.....C. E.....Fredericktown, Mo.

Weber, John G.....Sci.-Phy.....St. Louis, Mo.
Tech Club '42-'43. Miner Board '43. Photo Club '47. Engineers Club '47-'48.

Weddle, Wilbern L.....Met. E.....Kearney, Nebr.
Phi Kappa Phi '47. Honor List '46-'47. ASM '48.

Wehking, Charles W.....Chem. E.....Sappington, Mo.
Tech Club '43-'44. Independents '44. Cadet First Lieutenant ROTC '44. Sigma Pi '45. Herald '45. AIChE '47.

Weiberg, Earl B.....M. E.....Rolla, Mo.
ASME '47.

Westmoreland, Edwin S.....E. E.....Glasgow, Mo.
Tau Beta Pi '47. AIEE '47. Phi Kappa Phi '47. Honor List '46-'47.

Wetzel, Maurice F.....Chem. E.....Alton, Ill.
ROTC Band '42-'43. Phi Kappa Alpha '47. Treasurer '47. Photo Club '47. Alpha Chi Sigma '47. AIChE '48. St. Pat's Board '47. Officer '48. Honor List '46.

Whaley, Henry P.....Met. E.....St. Louis, Mo.
Detonators '43. Engineers Club '43. Gamma Delta '47. ASM '47. Honor List '47-'48. Triangle '46. Treasurer '47. Assistant Treasurer '47. Vice-President '48. Senior Class Secretary '48.

Whanger, James R.....Met. E.....Huntington, W. Va.
ASM '47. Honor List '46-'47.

*What!!!! A musical Miner?*

# of 1948

White, John L.....Min. E.....Dubuque, Iowa
Triangle '43. House Manager '45. ASCE '43-'44. St. Pat's Board Secretary '46. President '46.

White, Robert T.....C. E.....Glendale, Mo.
Triangle. ASCE '43-'44. St. Pat's Board Secretary '46. President '46.

Wicker, Grover R.....C. E.....Hornersville, Mo.
Transfer Southeast Missouri State College. ASCE '47-'48. Honor List '46.

Wickizer, Wilbur F.....M. E.....Rolla, Mo.
ASME '45-'46.

Wibbing, William F.....M. E.....St. Louis, Mo.
Triangle '47. Rollamo Board '47. ASME '48.

Wilks, J. C.....E. E.....Caruthersville, Mo.
AIEE '47-'48. Honor List '46-'47.

Wilks, R. Allen.....Chem. E.....Caruthersville, Mo.
Transfer Central College. Alpha Chi Sigma '47. Master Alchemist '48. Tau Beta '47. AIChE '47.

Williamson, Robert L.....Met. E.....St. Louis, Mo.
Honor List '47. Triangle '42. Vice-President '43-'44. Interfraternity Council Alternate '42-'43. Vice-President '42. Music Club '43-'44. Glee Club '43-'44. ASM '46-'47.

Wisco, Alvin A.....Met. E.....Rolla, Mo.
Honor List '46-'47. ASM.

Wolfarth, Teddy R.....M. E.....St. Louis, Mo.
Honor List '42-'43-'46-'47. Phi Kappa Phi. Pi Kappa Alpha '43. Vice-President '46-'47. President '47-'48. Detonators '43. APO '43. Interfraternity Council '46. Tau Beta '47. ASME '47-'48.

Wood, Neal.....Min. E.....Christopher, Ill.
Honor List '45-'46. Phi Kappa Phi Bookplate '46. Football '40-'48. All-Conference Tackle '47. Co-Captain '47. Track '41. AIMME. "M" Club '40-'47.

Worley, James D.....E. E.....Rolla, Mo.
Honor List '46-'47.

Wunnenberg, Chris A.....M. E.....St. Louis, Mo.
Transfer Northeast Missouri State College. ASME '46-'48.

Wunnenberg, Edward C.....M. E.....Rolla, Mo.
ROTC Band '40-'42. Tech Club '40-'43. ASME '47-'48.

Wurth, Maurice D.....C. E.....Lincoln, Ill.
Honor List '46-'47. Phi Kappa Phi '47. ASCE.

Young, Donald A.....M. E.....Rolla, Mo.
Sigma Nu '45. Sigma Nu Marshal '46.

Zwirbla, Michael C.....M. E.....Maynard, Mass.
Honor List '46. Theta Kappa Phi '41. Executive Council '47. St. Pat's Board '47. Treasurer '47-'48. Theta Tau '47.

J. White
Wibbing
Wolfarth

R. Wilks
Wicker
Wurth

Wickizer
Wisco
Wunnenberg

D. Young
Hoey

Zwirbla
L. Youngs

# Junior Class

JUNIOR CLASS OFFICERS

President.....Brant Robison
Vice-President.....John Reilly
Secretary.....Bill Weismantel
Treasurer.....Earl Hoehn

JUNIORS ENTERING IN FEBRUARY

Bopp, Robert F.
Kirkwood, Mo.

Clauton, Melvin
Lacking, Tex.

Cook, A. C.
Licking, Mo.

Mottin, Ralph E.
St. Louis, Mo.

Daste, John Joseph
San Bernardino, Calif.

Dionesotes, James Thomas
Chicago, Ill.

Hankins, Joe D.
Sedalia, Mo.

Kastanas, Andrew Gust
St. Louis, Mo.

Miller, Robert Morsbach
Asuncion, Paraguay

Rausch, Marice Keith
Monett, Mo.

Reed, Carroll Melton
Greenville, Ill.

Suffredini, Romeo Louis
Waterbury, Conn.

Utnage, William Leslie
St. Louis, Mo.

Wyatt, Franklin Ward
St. Joseph, Mo.

Abbott, John M., Jr.
Kansas City, Mo.

Aqnew, Lewis E., Jr.
Kirkwood, Mo.

Allan, Charles W.
Redwood Falls, Minn.

Allen, James B.
Mt. Dora, Fla.

Anders, Robert B.
Rolla, Mo.

Anderson, Douglas
Caldwell, Idaho

Anderson, George M.
Muskogee, Okla.

Anderson, H. A., Jr.
Western Springs, Ill.

Apple, J. B.
Rolla, Mo.

Applebaum, Samuel
Brooklyn, N. Y.

Applegate, Albert V.
Rolla, Mo.

Arenberg, Sheldon I.
Chicago, Ill.

Arnoldi, Richard L.
Gillespie, Ill.

Arnott, Charles W.
St. Louis, Mo.

Ashley, John E.
Stuart, Fla.

Atkisson, Donald W.
Aurora, Mo.

Aubuchon, Edward L.
Bonne Terre, Mo.

Avery, R. G., Jr.
Framingham, Mass.

Axsom, Ralph C., Jr.
Kansas City, Mo.

Aybat, Sahap, Sakip
Turgutlu, Turkey

Ayers, Oscar S.
St. Louis, Mo.

Bachman, Harold W.
Glendale, Mo.

Baily, Walter E.
Harrison, N. Y.

Baird, Frank
Dubuque, Iowa

Baker, Chester H.
Rolla, Mo.

Baker, James R.
Brevier, Mo.

Ballmann, Richard B.
Fort Thomas, Ky.

Banfield, Thomas J.
South Amboy, N. J.

Barker, James A.
Alton, Ill.

Barkley, James E.
Unionville, Mo.

Barnes, Chester D.
Sedalia, Mo.

Barnett, Ben J.
St. Louis, Mo.

Barr, Norman E.
Joplin, Mo.

Barrett, Marlin W.
Cardwell, Mo.

Bartling, Jerry W.
Springfield, Mo.

Bates, Loren K.
East St. Louis, Ill.

Bauer, John A.
St. Louis, Mo.

Bay, Robert D.
St. Louis, Mo.

Beach, Lester C.
Rolla, Mo.

Bennett, Charles W.
University City, Mo.

Bennett, William F.
Rolla, Mo.

Bever, Raymond H.
Cairo, Ill.

Bieber, Phillip F.
St. Louis, Mo.

Birch, Bettijeanne
Rolla, Mo.

Bishop, Harry S.
Middletown, Mo.

Bishop, Jay W.
Elizabethtown, Pa.

Bissell, James J.
St. Louis, Mo.

Blancke, C. D., Jr.
Cedarburg, Wis.

Blankenmeister, E. G.
St. Louis, Mo.

Boaz, Robert V.
Joplin, Mo.

Bockstruck, H. N.
Alton, Ill.

Boeckman, George O.
Rolla, Mo.

Boehme, Milton R.
St. Louis, Mo.

# Junior Class of '48

Boos, Guy H.
Carbondale, Ill.

Booth, Robert C.
Springfield, Mo.

Boswell, Robert F.
St. Joseph, Mo.

Bottermuller, C. A.
Warrenton, Mo.

Boutin, Charles R.
Cape Girardeau, Mo.

Bowen, Jesse W., Jr.
Springfield, Mo.

Bowling, Charles P.
Alton, Mo.

Boyer, Marion D.
Beaufort, N. C.

Bradford, Samuel A.
Buffalo, N. Y.

Brady, Stanley B.
Rolla, Mo.

Branson, George E.
Springfield, Mo.

Brasel, David F.
Rolla, Mo.

Braun, Edward G.
Rochester, N. Y.

Breckner, Chester N.
Drury, Mo.

Breeze, Francis V.
Centralia, Ill.

Brehe, Harold C.
Overland, Mo.

Breuer, Coy L.
Rolla, Mo.

Brewer, Harold J.
St. Louis, Mo.

Brice, Frank L.
Alton, Ill.

Bridegroom, K. E.
St. Louis, Mo.

Brigance, Glenn A.
Mt. View, Mo.

Brown, John R.
Sedalia, Mo.

Buel, Robert W.
Washington, Mo.

Buell, Floyd O.
Rolla, Mo.

Bulla, Robert
Sesser, Ill.

Bullock, Rupert E.
Bloomfield, Iowa

Bumpus, Frank J.
Buffalo, N. Y.

Burke, Thomas J.
Rolla, Mo.

Agnew
Apple
Aubuchon
Baird

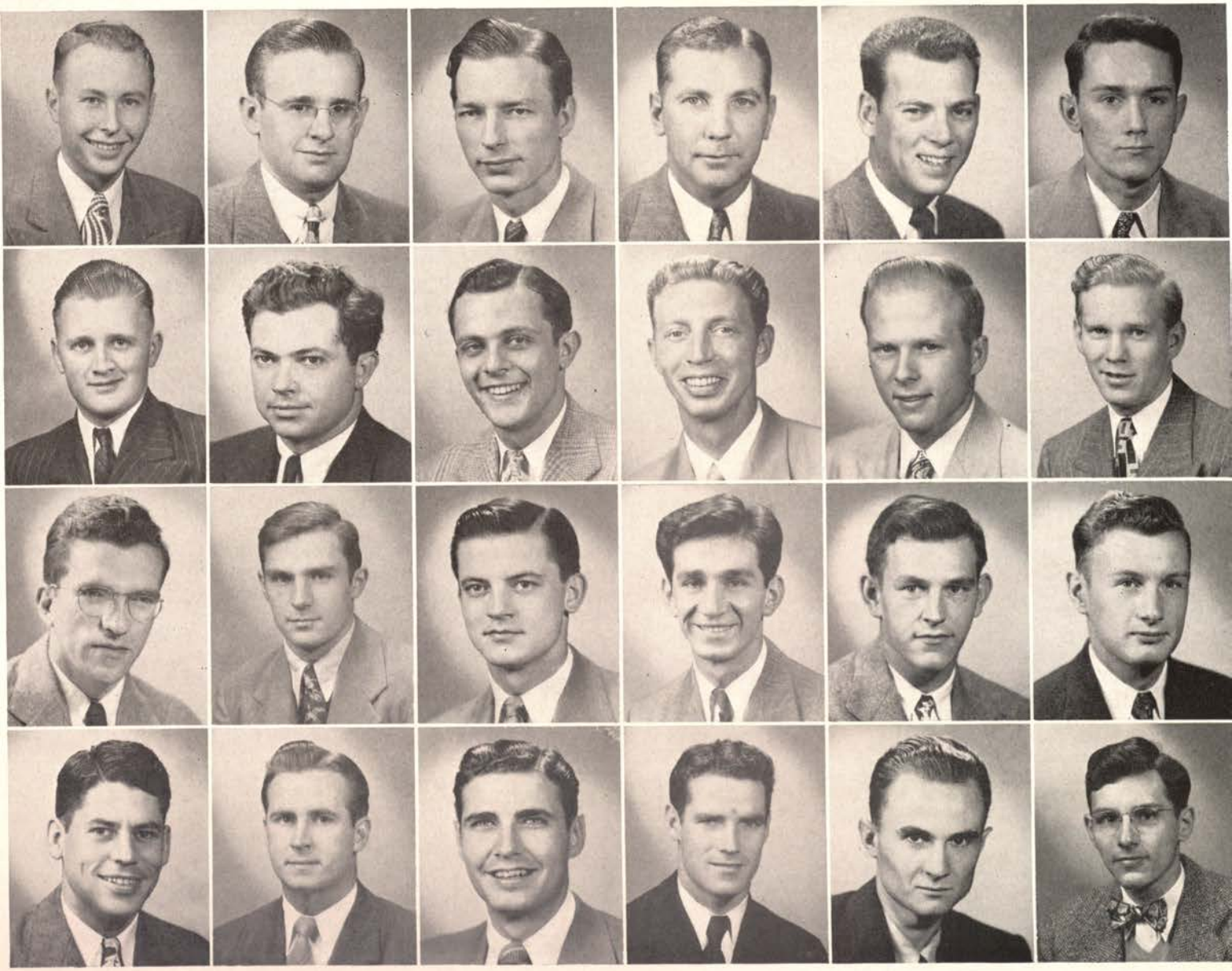
C. Allan
Applegate
Avery
Baker

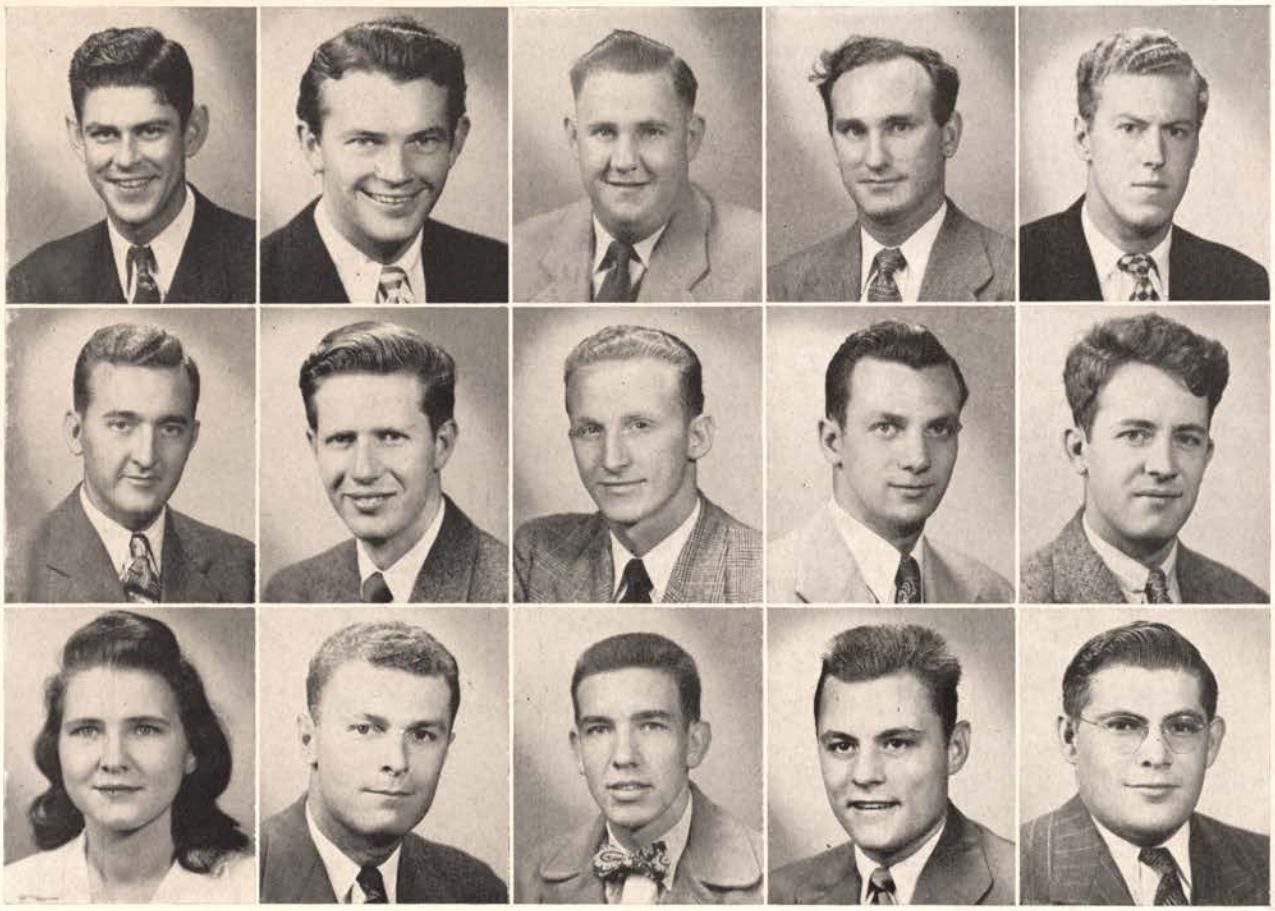
Anders
Arenberg
Axsom
Ballmann

D. Anderson
Arnott
Aybat
Banfield

G. Anderson
Ashley
O. B. Ayers
Barkley

H. A. Anderson
Atkinson
Bailey
B. Barnett





Barrett
Beach
Birch

Bartling
C. Bennett
J. Bishop

Bates
Bentrup
Blancke

Bauer
Bever
Bankenmeister

Bay
Bieber
Boaz

Burns, Luke J.
St. Louis, Mo.

Burris, Chester H.
Rolla, Mo.

Busch, Roland G.
Cape Girardeau, Mo.

Byrns, Herbert F.
Towson, Md.

Cady, Willis S.
Chicago, Ill.

Cage, Robert M.
Tipton, Ind.

Campbell, Earl D.
St. Louis, Mo.

Campbell, Richard A.
Canton, Mo.

Cantwell, L. W.
Bucklin, Mo.

Carlson, Dale T.
Walnut, Ill.

Carman, Herbert S.
Queens Village, N. Y.

Carney, William D.
Rolla, Mo.

Carpenter, Gordon L.
West Plains, Mo.

Carroll, John T.
St. Louis, Mo.

Carroll, Paul F.
Rolla, Mo.

Carter, Ward J.
Hiltons, Va.

Carter, William D.
Hiltons, Va.

Carty, Wayne A.
Rolla, Mo.

Casey, Larry J.
Potosi, Mo.

Casper, Vernon O.
Lynbrook, N. Y.

Chapman, Donald R.
Huntington, W. Va.

Chapman, V. A., Jr.
Cape Girardeau, Mo.

Chow, William R.
Godfrey, Ill.

Choate, Wayman D.
Rolla, Mo.

Clifton, James G.
St. Louis, Mo.

Clooney, Joseph R.
St. Louis, Mo.

Cody, Fred M.
Richmond Heights, Mo.

Coffer, Harold R.
Camden, Mo.

Coffman, Joseph A.
Farmington, Mo.

Coleman, E. H., Jr.
Rolla, Mo.

*"Did you get that third problem?"*

# Junior Class of '48

Coleman, William G.
Rolla, Mo.

Collier, Ray B.
Coffeyville, Kans.

Collier, Rob M.
Coffeyville, Kans.

Collins, William W.
Webb City, Mo.

Comerer, Elwyn D.
Rolla, Mo.

Commerford, T. J.
Crystal City, Mo.

Comstock, Elbert E.
Rolla, Mo.

Constable, Sam P.
Manhasset, N. Y.

Cook, Alwyn C.
Licking, Mo.

Cook, Arthur L.
Rolla, Mo.

Cook, John B.
Sedalia, Mo.

Coolidge, W. H.
Crystal City, Mo.

Corbin, Harold E.
St. James, Mo.

Costley, Leon J.
Granite City, Ill.

Craig, Curtis L.
Carthage, Mo.

Cramer, Roy R.
Rolla, Mo.

Crawford, Don W.
Seneca, Mo.

Crippen, Richard G.
Salem, Ill.

Crites, Joseph D.
Odin, Ill.

Cromer, Charles F.
Doe Run, Mo.

Crosby, Thomas E.
Festus, Mo.

Crossman, F. T.
Crown Point, N. Y.

Crump, James S.
University City, Mo.

Crutchfield, C. D.
St. Louis, Mo.

Cullom, John T.
Mt. Olive, Ill.

Curtis, John J.
Chicago, Ill.

Dalpini, David
St. Louis, Mo.

Daly, Thomas E.
Rolla, Mo.

Bockstruck
Bowling
Braun
J. Brown

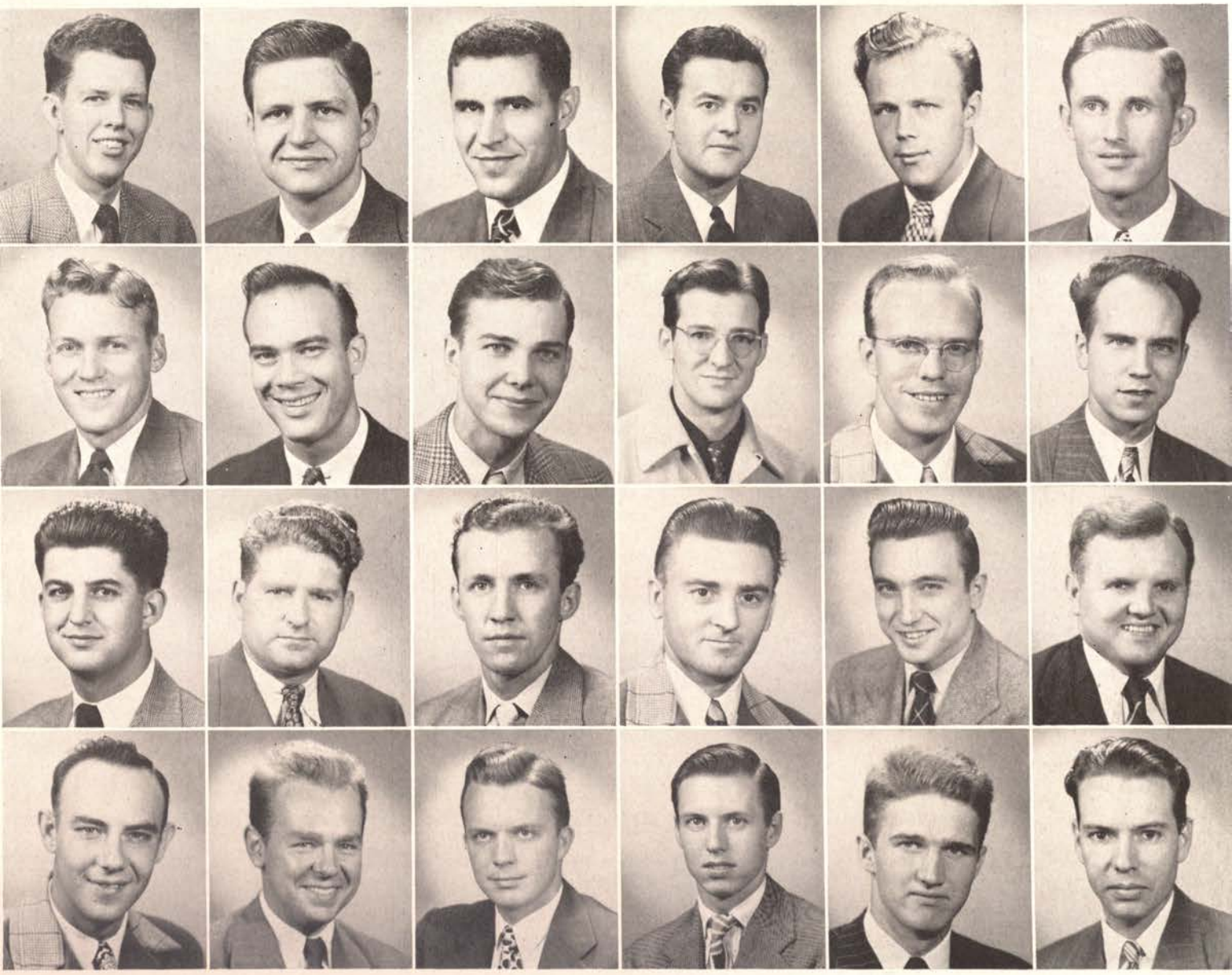
Boehme
Boyer
Breckner
Browngard

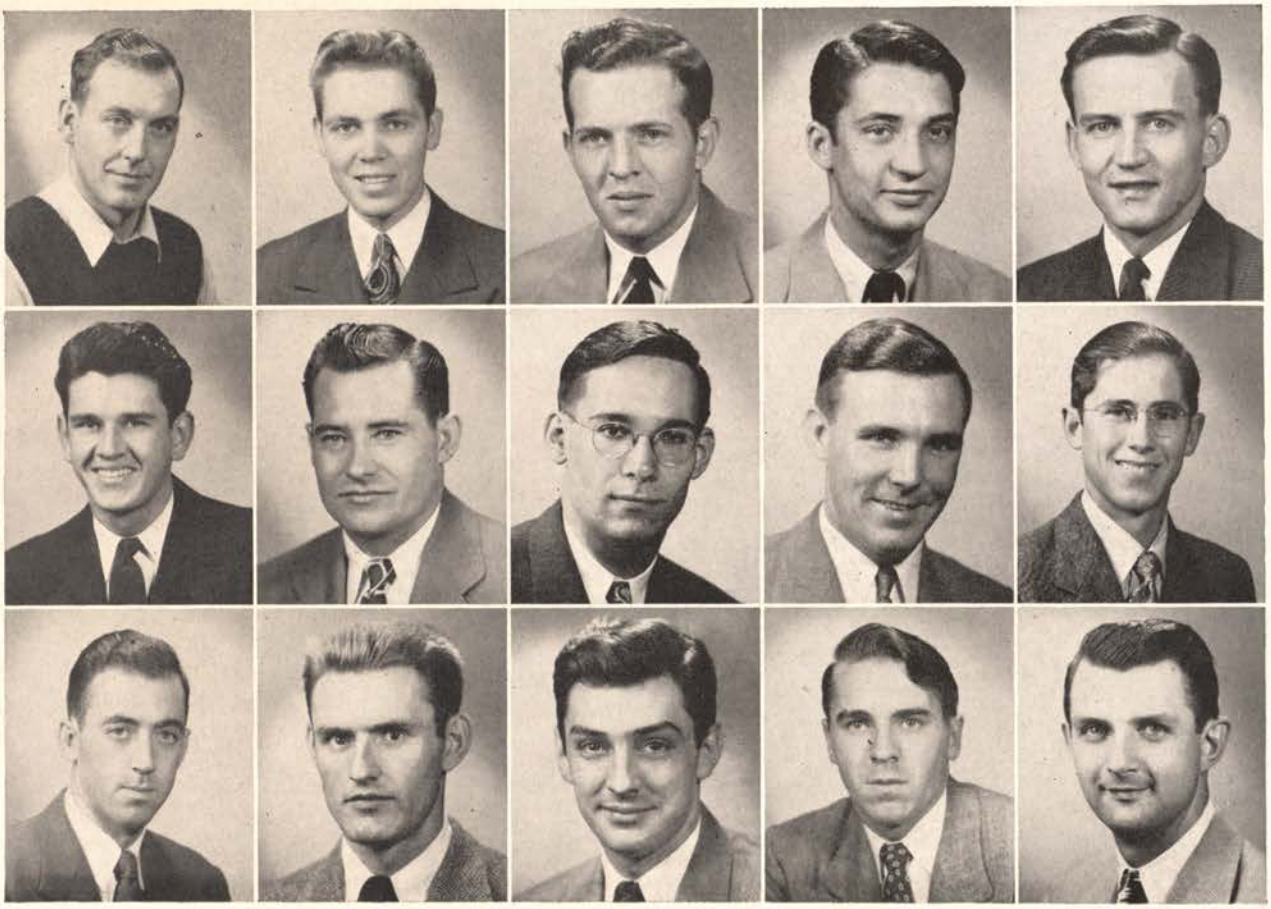
Boos
S. Bradford
Breeze
R. Buel

R. Boswell
Brady
Brewer
Burns

Bottermuller
Brasel
Brice
Bullock

Bowen
G. Branson
Brigance
F. Buell





Burris
Cantwell
J. Carroll

Busch
Carlson
Carter

Byrne
Carman
Carty

Cady
Carney
Casey

Cage
Carpenter
Casper

Danz, Albert G.
Union, Mo.

Danzer, Carl J.
St. Louis, Mo.

da Silva, Anibal J.
New Rochelle, N. Y.

Daugherty, R. E.
Wisconsin

Daum, Edwin L.
Edwardsville, Ill.

Davidson, Charles C.
Anderson, Mo.

Davidson, Philip B.
Hickman Mills, Mo.

Dean, Donald L.
Warrenton, Mo.

Deason, Roy B.
Herrin, Ill.

DeBolt, Donald G.
Rogers, Ark.

Deer, Robert E.
Rolla, Mo.

Dehekker, Lloyd T.
St. Louis, Mo.

Deso, William H.
Whallensburg, N. Y.

Detjen, Richard F.
Kirkwood, Mo.

Deutman, George M.
Cuba City, Wisc.

Dewoody, Robert T.
Mt. View, Mo.

Dickerhoff, D. C.
St. Louis, Mo.

Dieckman, Leonard E.
St. Louis, Mo.

Ditore, Michael J.
New Rochelle, N. Y.

Doane, Jerry D.
Springfield, Mo.

Dougherty, Eddie L.
Kansas City, Kans.

Downs, Jacks S.
Springfield, Mo.

Drago, W. A., Jr.
Springfield, Mo.

Driscoll, Richard R.
Chicago, Ill.

Dyer, Wayne F.
St. Louis, Mo.

Edmunds, Arthur W.
Chicago, Ill.

Edwards, Paul K.
New Philadelphia, O.

Ege, Robert W.
Springfield, Mo.

Ehrler, John W.
Chicago, Ill.

Eichelberger, C. E.
Boonville, Mo.

*Just a little more, Tom.*

# Junior Class of '48

Eisenberg, Meyer
New York

Eissinger, Karlheinz
Independence, Kans.

Ellenson, Robert B.
Brooklyn, N. Y.

Ellinor, Mack, Jr.
Paragould, Ark.

Elliott, James O.
Springfield, Mo.

Elmore, Charles H.
Springfield, Mo.

Enfield, Bernard M.
Jacksonville, Ill.

Espenschied, H. A.
St. Louis, Mo.

Evans, Isaac R.
Rolla, Mo.

Evans, James L.
Mexico, Mo.

Evans, William W.
Canton, Ohio

Eyberg, Walbridge P.
Rolla, Mo.

Faires, Glenn R.
Greenville, Ill.

Fanning, Alfred N.
Vichy, Mo.

Feltman, James A.
Washington, Mo.

Fentzke, A. Daniel
Rolla, Mo.

Ferguson, John H.
Parkville, Mo .

Ferreira, Francisco
New Bedford, Mass.

Fiebelman, Jacob P.
Rolla, Mo.

Findlay, John F.
Gasconade, Mo.

Firman, Eugene F.
St. Louis, Mo.

Fliehman, Maurice H.
St. Charles, Mo.

Foster, Jack D.
Carmi, Ill.

Foster, Michael L.
Brooklyn, N. Y.

D. Chapman
Coffer
Coolidge
Cramer

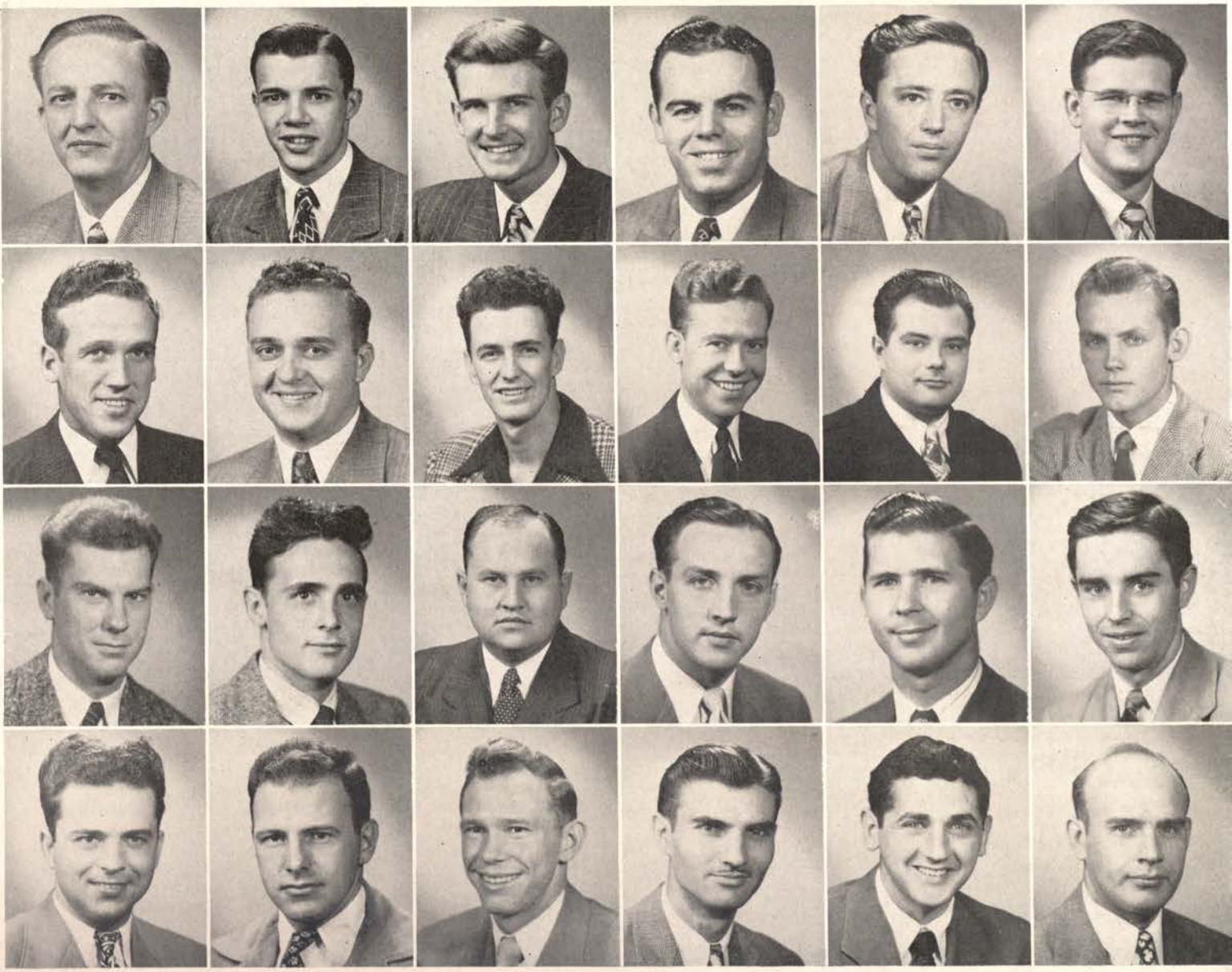
H. Chapman
Coleman
Coplen
Crump

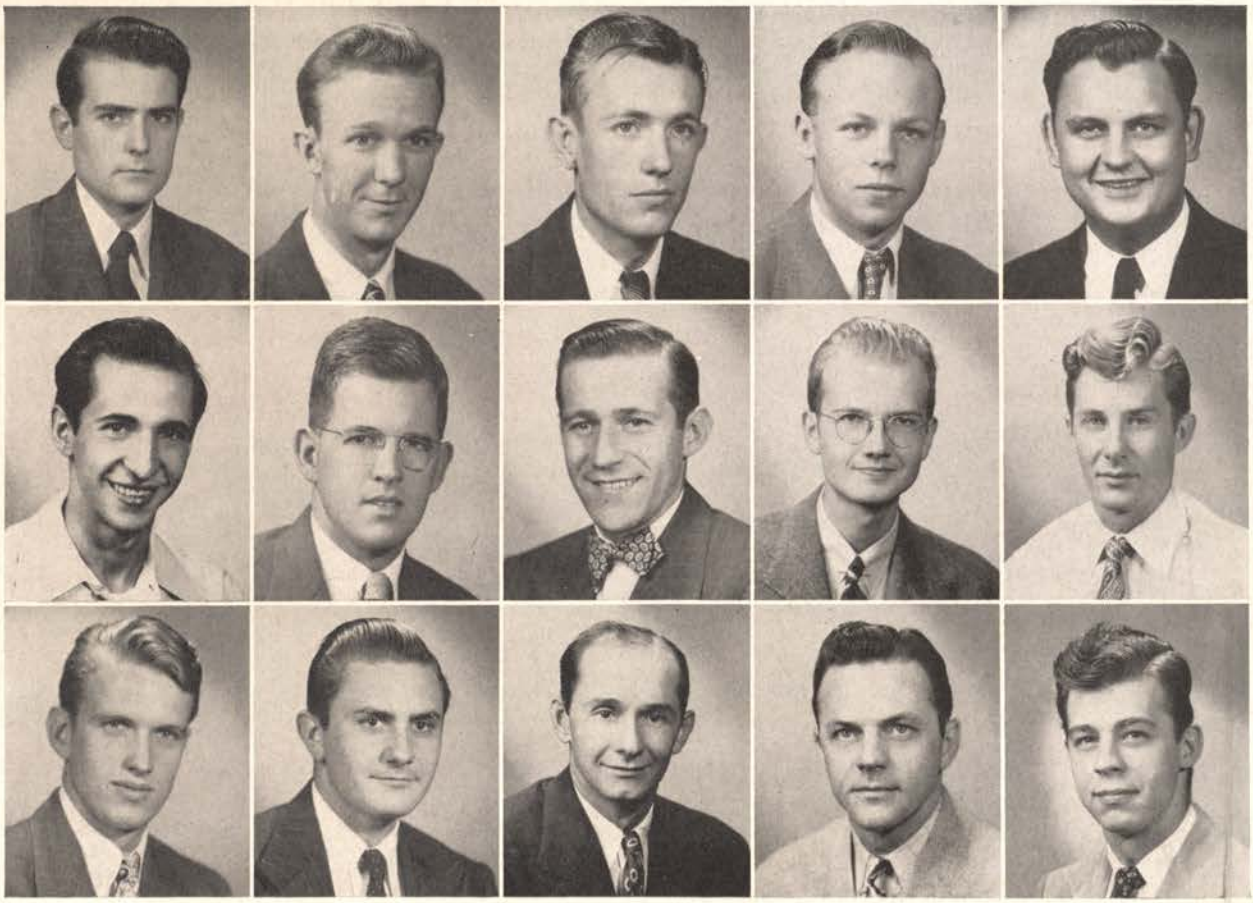
V. Chapman
W. Collins
Corrie
Crossman

Chew
Commerford
Costley
Cromer

Choate
Cook
Crawford
Culmo

Clifton
Cook
Crites
Daum





R. E. Davis
A. da Silva
Dean

Daly
Daugherty
DeBolt

C. Davidson
Deso
Deason

Danzer
Detjen
DeHekker

Danz
DeWoody
Dickerhoff

*M.S.M.'s best entertainers.*

Frank, Kurt H.
Lemay, Mo.

Frank, Louis E.
St. Louis, Mo.

Frazer, Joseph R.
Corona, N. Y.

Frautschi, R. J.
Kansas City, Mo.

Freeman, Clyde C.
Poplar Bluff, Mo.

Freiert, Milton A.
Webster Groves, Mo.

French, Robert G.
Kansas City, Mo.

Fry, John M.
Rolla, Mo.

Fuqua, John H.
Chicago, Ill.

Gallaher, Buford E.
Braggadocio, Mo.

Galletta, Anthony L.
Pelham, N. Y.

Gammon, William H.
St. Louis, Mo.

Garvey, Glen
Webster Groves, Mo.

Gaskins, Walter L.
Batesville, Ark.

Gehrs, William L.
Springfield, Mo.

Geiger, Gerald A.
Florissant, Mo.

Geiss, Edward A.
Rolla, Mo.

Georger, Lester J.
St. Louis, Mo.

Gervecke, A. F., Jr.
Webster Groves, Mo.

Glover, Thomas O.
Rolla, Mo.

Gokenbach, Donald C.
Affton, Mo.

Goller, Carl H., Jr.
St. Louis, Mo.

Goodding, Alan C.
Atlanta, Mo.

Gosen, John W.
Webster Groves, Mo.

Graves, C. E., Jr.
Rolla, Mo.

Greenman, David W.
Wauwatosa, Wisc.

Greer, Paul H.
Cape Girardeau, Mo.

Greig, Joseph E.
Rolla, Mo.

Griffith, James S.
Chattanooga, Tenn.

Griffith, William L.
Monroe City, Mo.

# Junior Class of '48

Grimsley, Elbert A.
Stanberry, Mo.

Grotefendt, Roger F.
Granite City, Ill.

Grueneberg, G. W.
Rolla, Mo.

Guth, Kenneth A.
St. Louis, Mo.

Hale, Curtis K.
Blytheville, Ark.

Hamilton, Robert C.
Rolla, Mo.

Hansbrough, F. G.
Palmyra, Mo.

Hanson, Robert C.
Union, Mo.

Hardin, Austin K.
Camden, Mo.

Hardine, Russell Z.
Rolla, Mo.

Harmon, Charles R.
Batesville, Ark.

Harris, Joseph G.
Phoenix, Ariz.

Hartmann, Lynn F.
Rolla, Mo.

Hartmann, Raymond T.
Piedmont, Mo.

Hase, Donald H.
Joliet, Ill.

Haskell, Donald F.
Rolla, Mo.

Hawkins, Irvin J.
Salem, Mo.

Hayase, Masashi
Los Angeles, Calif.

Hechinger, Leo H.
St. Louis, Mo.

Heger, Clarence F.
St. Louis, Mo.

Hegwer, John S.
Casper, Wyo.

Heidbrier, Warren G.
New Haven, Mo.

Heitzeberg, C. H. A.
St. Louis, Mo.

Hellrich, Henry J.
Rolla, Mo.

Dieckman
Ehrler
Evans
Fliehman

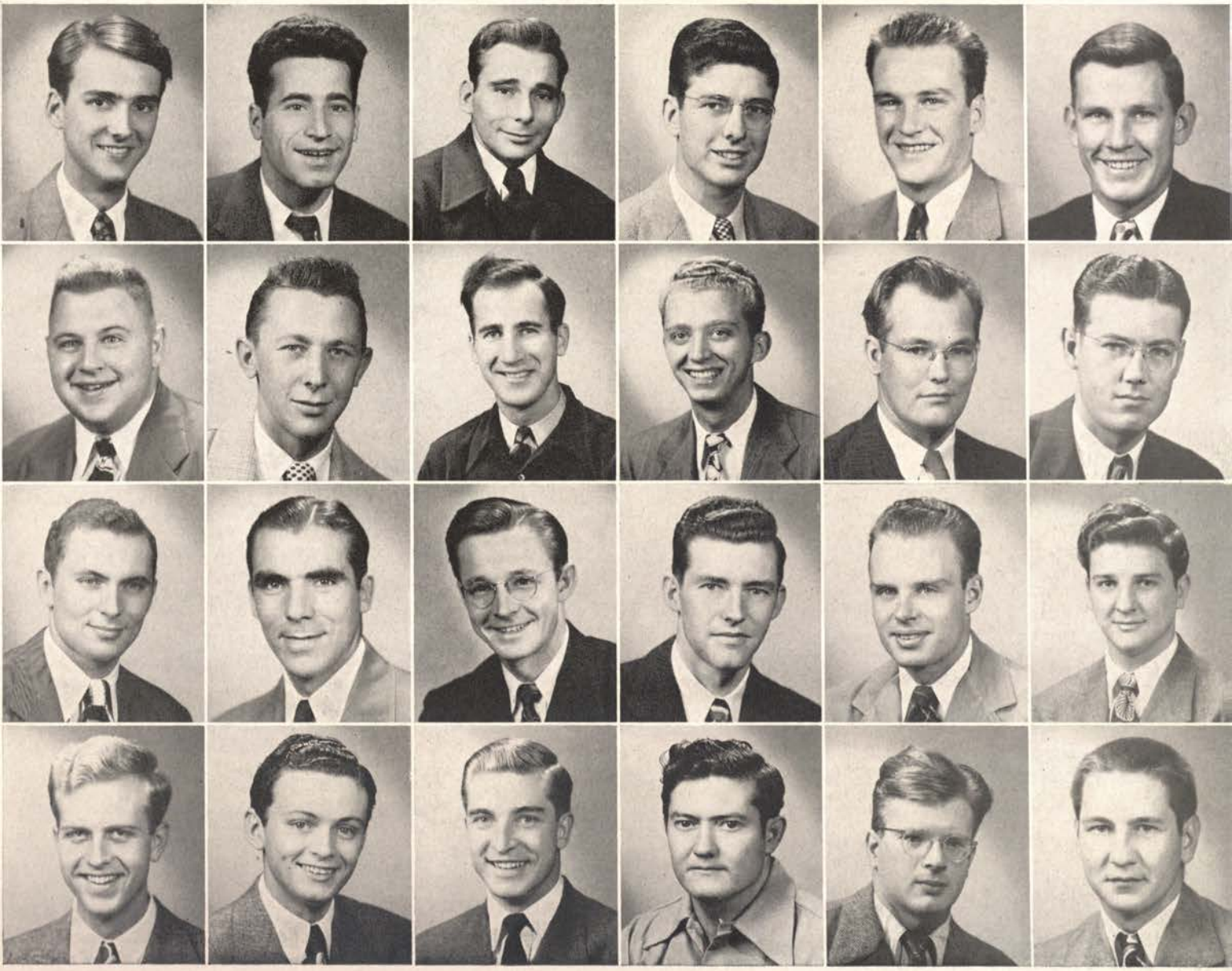
Ditore
Eissinger
Ferreira
Foster

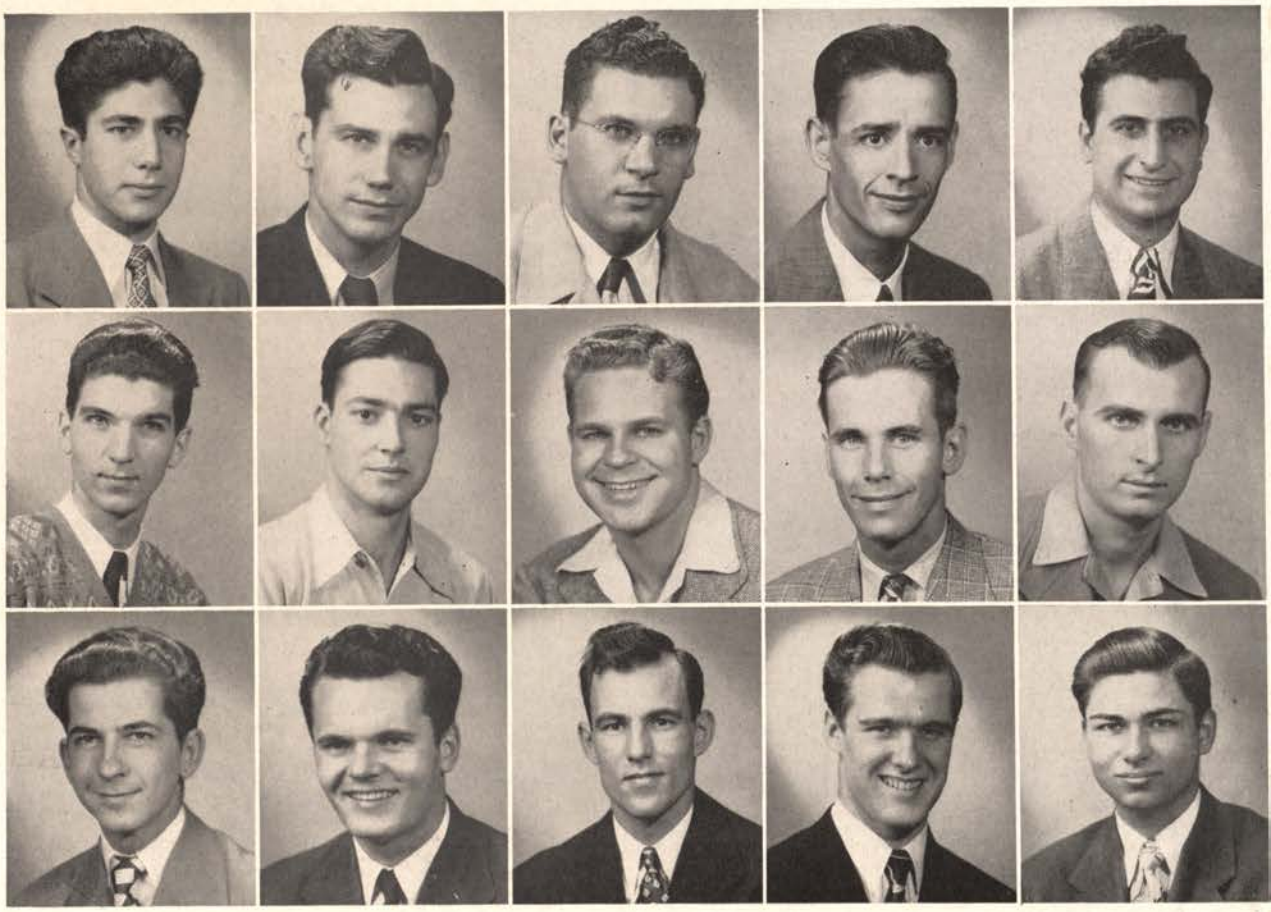
Doane
Ellenson
Feltmann
L. Frank

Drago
Espenschied
Fentzke
Freeman

Driscoll
I. Evans
Findlay
French

Edwards
J. Evans
Firman
Frautschi





Fazio
Gehrs
Gokenbach

Fry
Geiger
Goodding

Galletta
Gerecke
Goller

B. Gallagher
Geiss
Goodenough

Gammon
Glover
W. Griffith

Helm, Robert W.
Macomb, Ill.

Hemme, Adolph F.
Rolla, Mo.

Henderson, W. A.
Hannibal, Mo.

Henderson, W. B.
Lancaster, Ohio

Hennessey, Jack R.
University City, Mo.

Henry, LeRoy C.
Pleasantville, N. Y.

Henslee, Radius T.
Rolla, Mo.

Hepp, Joseph T.
Logansport, Ind.

Herzog, Francis J.
Rolla, Mo.

Hesler, Galen J.
Anderson, Ind.

Heyl, Arthur N.
St. Louis, Mo.

Higgins, Albert J.
Potosi, Mo.

Hilburn, James O.
Kansas City, Mo.

Hill, Elmer C.
Sedalia, Mo.

Hill, William E.
St. Louis, Mo.

Hillhouse, David L.
Branson, Mo.

Hinners, Donald W.
Alton, Ill.

Ho, Hui-chen
Likiang, China

Hoehn, Earl E.
Perryville, Mo.

Hoffman, Floyd
Somerset, Penn.

Hogland, Virgil W.
Lebanon, Mo.

Hollis, William
Rolla, Mo.

Hollmann, Harold R.
Missouri

Holloway, Nick, Jr.
Little Rock, Ark.

Holmes, Gerald D.
Farmington, Mo.

Hoppe, Charles H.
Cape Girardeau, Mo.

Howard, Thurston B.
Rolla, Mo.

Hrach, Stanley R.
Richmond Heights, Mo.

Hubbard, William F.
Bosworth, Mo.

Huffer, Richard D.
East St. Louis, Ill.

Goodenough, Keith E.
St. Louis, Mo.

*The source of error.*

# Junior Class of '48

Hughes, Edwin L.
Joplin, Mo.

Hughes, James W.
Dixon, Mo.

Hughes, James W.
St. Louis, Mo.

Hughes, John R.
Birmingham, Ala.

Hughes, William P.
Calhoun, Mo.

Hursh, Clyde L.
Rolla, Mo.

Hurst, Alfred N.
Savannah, Mo.

Hutton, Hugh S.
Rolla, Mo.

Hutton, James R.
Sparta, Ill.

Hyatt, Edmond P.
Rolla, Mo.

Hyslop, Clayton J.
Quincy, Ill.

Ingold, Louis B.
Rolla, Mo.

Isringhaus, R. A.
St. Louis, Mo.

Jackson, Elmer E.
Richmond, Mo.

Janczewski, W. J.
St. Louis, Mo.

Jare, Jacob
St. Louis, Mo.

Jenkins, Roger W.
Sparta, Mo.

Johnson, Donald H.
St. Louis, Mo.

Johnson, Harold M.
Anaconda, Mont.

Jones, Sam Paul
Mexico, Mo.

Judah, Russell J.
Mexico, Mo.

Juenger, G. J., Jr.
Maplewood, Mo.

Juneau, Edward N.
Woodriver, Ill.

Kahtz, Robert L.
Edwardsville, Ill.

J. Griffith
Hardine
L. Hartmann
W. B. Henderson

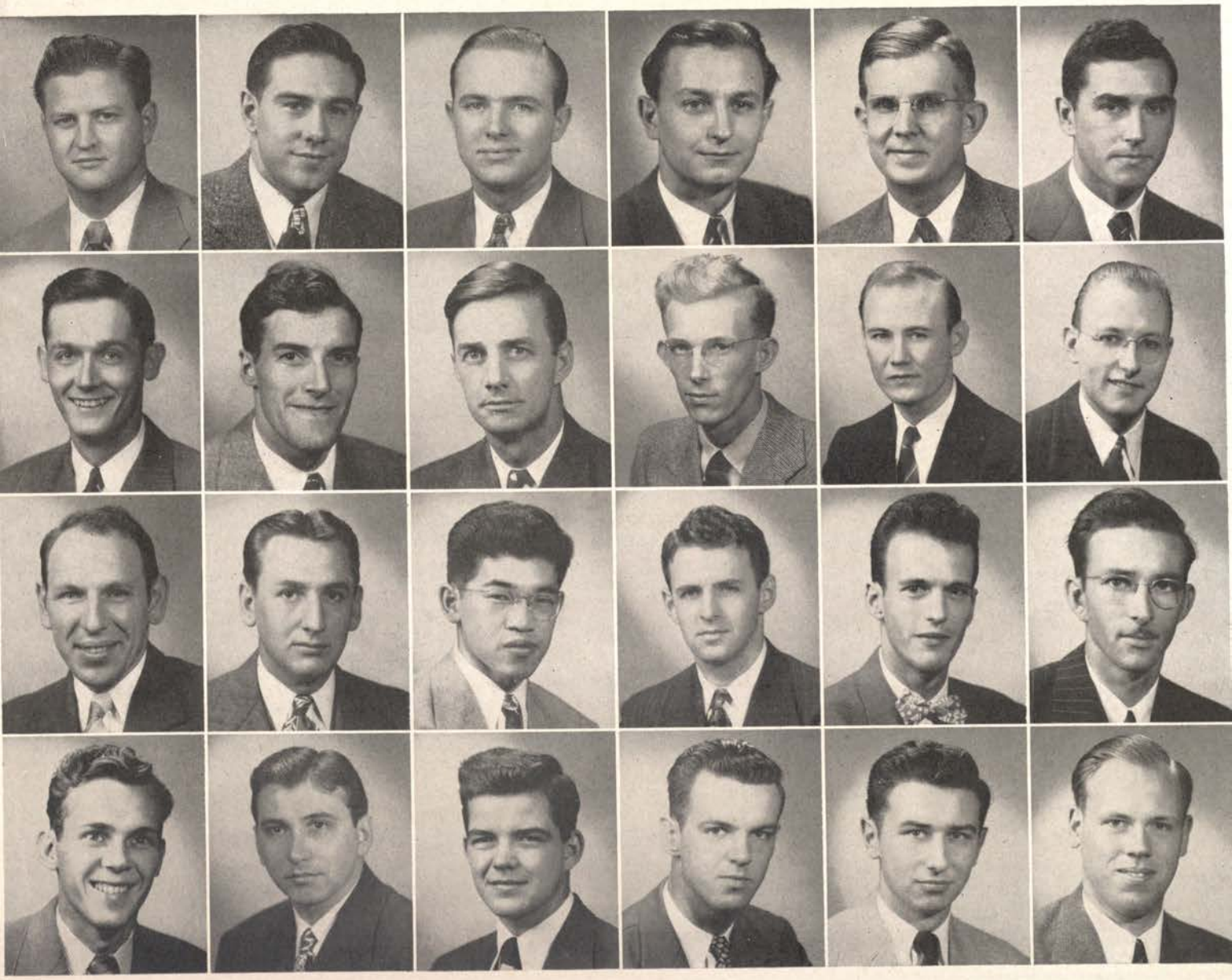
Grotefendt
Ham
Hawkins
W. A. Henderson

Greer
Hamilton
Hayasie
Heger

Griesedieck
Hansbrough
Hepp
Henry

Grueneberg
Hale
Heidbrier
Hegwer

Hardin
R. C. Hansen
Henslee
Heitzeberg



Hillhouse
Hoppe
Hopkins

Hilborn
Hoehn
Hollis

E. Hill
Howard
Hoffman

W. Hill
Hogland
Hollmann

Higgins
Ho
R. Hunt

Kaller, Herman C.
St. Louis, Mo.

Kelahan, Robert C.
Granite City, Ill.

Kelley, James D.
Springfield, Mo.

Kelley, William O.
Baxter Springs, Kans.

Kellison, George B.
Granby, Mo.

Kellogg, Glen W.
St. Louis, Mo.

Kelly, Donald V.
St. Louis, Mo.

Kelly, Ray G.
Knob Noster, Mo.

Kelly, William A.
Rolla, Mo.

Kemper, Robert J.
Rolla, Mo.

King, John D.
University City, Mo.

Kingsley, Dale
Mt. Vernon, Mo.

Kinsman, Theodore J.
Royalton, Ill.

Kirk, Robert G.
University City, Mo.

Klug, Robert L.
Rolla, Mo.

Knecht, Walter S.
St. Louis, Mo.

Knutson, Elmo G.
Rolla, Mo.

Koch, Albert E.
Rolla, Mo.

Koenig, Fred G.
St. Louis, Mo.

Kofahl, John R.
Licking, Mo.

Kollasch, Edward J.
Purdin, Mo.

Komoto, Frank K.
Rock Springs, Wyo.

Koziboski, Edward A.
St. Louis, Mo.

Krainess, Albert M.
New York, N. Y.

Kramer, Walter A.
St. Joseph, Mo.

Kraus, Robert C.
Rolla, Mo.

Krausnick, Charles C.
St. Louis, Mo.

Kreienkamp, R. O.
Glencoe, Mo.

Kreinheder, K. L.
Rolla, Mo.

Kuder, Charles S.
Rolla, Mo.

*Party Boys.*

# Junior Class of '48

Lafferty, Loren
Rolla, Mo.

Laible, Donald S.
Sterling, Ill.

Laird, Edward W.
Rolla, Mo.

LaMaster, Chesley C.
Rolla, Mo.

Lambe, James N.
Rolla, Mo.

LaRose, Bernard A.
Crystal City, Mo.

Laumand, James L.
Brentwood, Mo.

Lawrence, John G.
Alton, Ill.

Lecce, Robert A.
Williamsport, Pa.

Lechler, William F.
St. Joseph, Mo.

Lee, Kenneth Q.
St. Louis, Mo.

Lemp, Kenneth H.
St. Louis, Mo.

Lester, Howard E.
Kirkwood, Mo.

Letizia, Daniel P.
St. Louis, Mo.

Levine, Alvin L.
Oklahoma City, Okla.

Lieber, Gerald
St. Louis, Mo.

Line, Donald L.
Rolla, Mo.

Line, Myrl K.
Rolla, Mo.

Linkeman, Charles W.
Edwardsville, Ill.

Linn, Laurel G.
St. Louis, Mo.

Lloyd, Charles H.
Rolla, Mo.

Lockett, Donald N.
White Hall, Ill.

Long, Thomas B.
St. Louis, Mo.

Lyons, Roger B.
Webster Groves, Mo.

Holmes
Hutton
Isringhaus
S. P. Jones

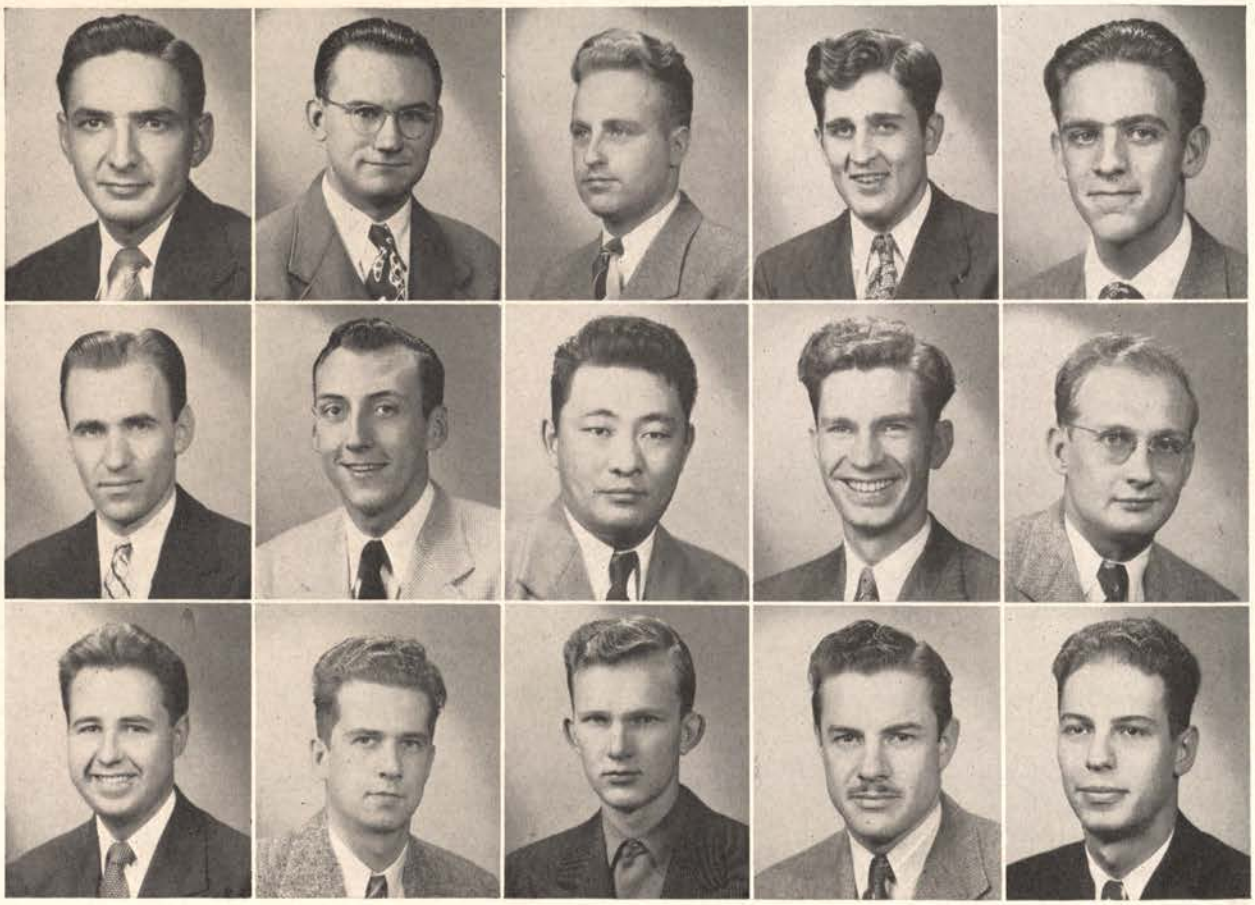
Holloway
W. Hughes
Jackson
Juneau

Hurst
J. Hughes
Jare
Kahtz

J. W. Hughes
J. R. Hughes
R. Jenkins
Kaller

Huffer
Hursh
H. Johnson
J. Kelley

E. Hughes
Judah
D. Johnson
W. Kelly



R. Kelly
E. Knutson
Kreinheder

Kellog
Koenig
Kreienkamp

R. Kirk
Komoto
Krausnick

Klug
Kollasch
Kraus

Knecht
Koziboski
Krainess

McCallister, O. L., Jr.
Greenfield, Mo.

McCoid, Robert L.
Venice, Ill.

McCombs, Roger E.
Overland, Mo.

McCord, Monte W.
Rolla, Mo.

McDaniel, Siebert A.
Rolla, Mo.

McDowell, Roy C.
Rolla, Mo.

McElhiney, R. S.
St. Louis, Mo.

McFarland, C. E.
Kirkwood, Mo.

McGrath, James B.
St. Louis, Mo.

McHenry, L. Charles
Rivermines, Mo.

McIlroy, Paul, Jr.
Poteau, Okla.

McKenzie, B. F.
Rolla, Mo.

Maag, Raymond H.
St. Louis, Mo.

MacDonald, John B.
Koselle, N. Y.

Maddox, Glen
Hannibal, Mo.

Maddox, James A.
Springfield, Ill.

Magers, Wilbert T.
Chester, Ill.

Maguire, John D.
Carbondale, Ill.

Manetzke, Joseph C.
Eureka, Mo.

Mann, Willis E.
Rolla, Mo.

Marti-Balaguer, L.
Porto Rico

Martin, Robert L.
Rolla, Mo.

Marting, Richard E.
St. Louis, Mo.

Marzano, Anthony M.
New York, N. Y.

Mathes, L. S., Jr.
Long Beach, Miss.

Matthews, Paul A.
Clayton, N. Y.

May, Bert
Sioux Falls, S. D.

May, Ralph W.
St. Joseph, Mo.

Mead, William E.
Gouverneur, N. Y.

Mengel, Edmund L.
Rolla, Mo.

*The bearded chemist.*

# Junior Class of '48

Merk, Cloyd R.
Smithton, Mo.

Merz, Kurt J.
Granite City, Ill.

Messner, George P.
New York, N. Y.

Meyer, Harlan L.
St. Louis, Mo.

Middeler, J. F., Jr.
Louisville, Ky.

Miller, Chester E.
Elizabeth, Penn.

Miller, Daniel N.
Ferguson, Mo.

Miller, Fred J.
St. Louis, Mo.

Miller, John R.
East Haven, Conn.

Mitchell, John W.
Birmingham, Ala.

Mittino, John A.
St. Louis, Mo.

Moeller, Richard E.
St. Louis, Mo.

Mooney, Edward W.
St. Louis, Mo.

Moore, Franklin L.
Rolla, Mo.

Morgan, William A.
Joplin, Mo.

Morgan, William J.
Waterloo, N. Y.

Morlock, Robert F.
St. Joseph, Mo.

Mornin, Bob L.
Herrin, Ill.

Morse, Ralph P.
Barnhart, Mo.

Mudd, Anthony A.
Kansas City, Mo.

Muehring, John E.
Rolla, Mo.

Mueller, Harold E.
Rolla, Mo.

Mulinaux, Clifton K.
Rolla, Mo.

Mulligan, John J.
Monroe, N. Y.

Lafferty
Leable
Marzano
W. Mann

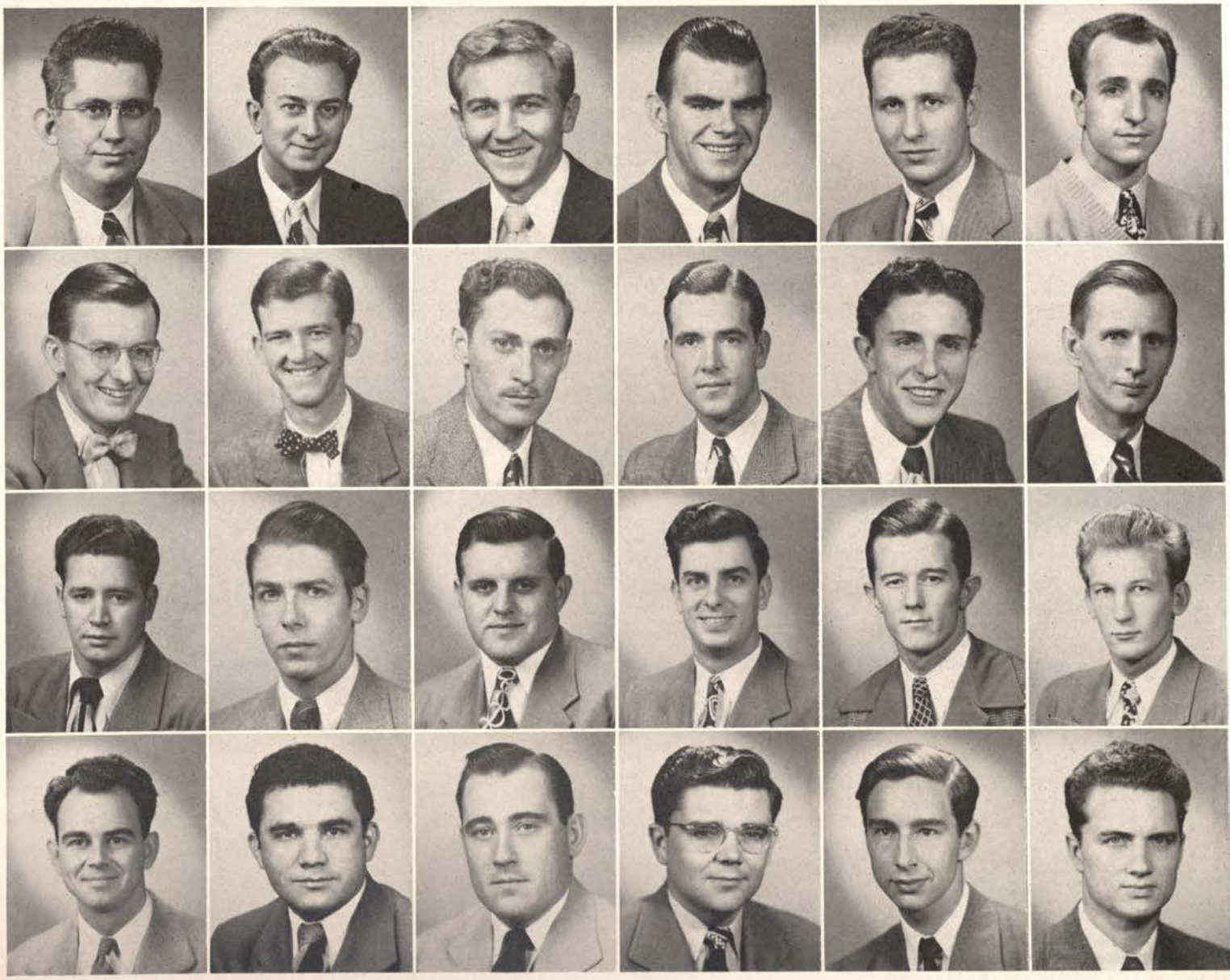
Lawrence
Linn
Maag
Marti-Balaguer

Laumond
Lieber
P. Mathews
Mahoney

Lester
Line
Martin
Maddox

Lemp
Long
Maguire
McCallister

Letizia
Lloyd
Magers
McClelland



McKienzie
McDowell
Meyers

McCoid
McFarland
Merk

McCombs
McHenry
Merz

McCord
Meyer
Mead

McDaniel
Messner
D. Miller

Murrell, Warren H.
Newburg, Mo.

Myers, Boby B.
St. Joseph, Mo.

Myers, Howard R.
Woodriver, Ill.

Neal, John F.
Cape Girardeau, Mo.

Needham, John J.
Rolla, Mo.

Neely, James M., Jr.
Kirkwood, Mo.

Newell, Ladonne E.
East Alton, Ill.

Newton, Phillip
Bronxville, N. Y.

Niederstadt, N. A.
East St. Louis, Ill.

Niederstadt, R. J.
East St. Louis, Ill.

Niemiste, Wilbur E.
Eveleth, Minn.

Norman, Amos
N. Kansas City, Mo.

Norvell, Stanley E.
Hooker, Mo.

Novotnak, Frank
Benld, Ill.

O'Brien, Richard C.
Sutton, W. Va.

Olfe, Carl O.
St. Louis, Mo.

Opfer, Elmer A.
Fairbury, Nebr.

Oram, Peter M.
Pt Washington, N. Y.

Osborne, John H., Jr.
Charleston, Mo.

Ost, Richard J.
Kansas City, Mo.

Ostmann, Robert F.
St. Charles, Mo.

Otto, Richard M.
Crystal City, Mo.

Ouzer, Seymour
Rochester, N. Y.

Padfield, Ralph G.
St. Louis, Mo.

Painter, John L.
Rolla, Mo.

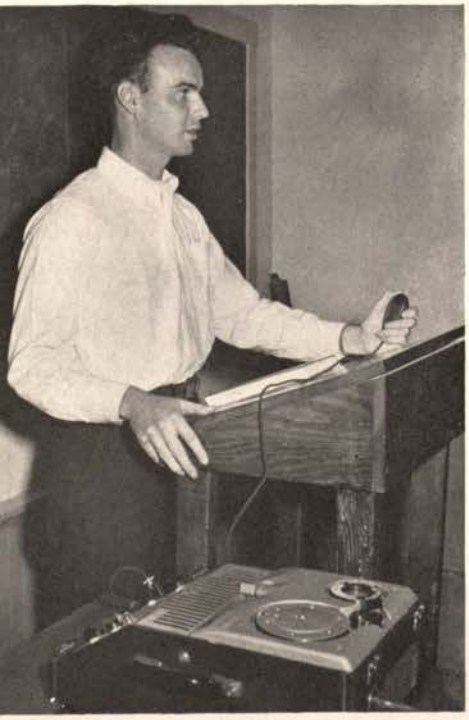
Pankiewicz, C. E.
St. Joseph, Mo.

Pantaleo, Anthony J.
Duquoin, Ill.

Parsons, Robert R.
Herrin, Ill.

Patterson, Jack H.
Chicago, Ill.

Paulick, Edward E.
Lemay, Mo.



*"Words, words, word."*

# Junior Class of '48

Peden, William R.
Westfield, N. J.

Peek, Charles A.
Rolla, Mo.

Penman, Robert R.
Rolla, Mo.

Peppers, Robert E.
Belleville, Ill.

Pering, Thomas H.
Springfield, Mo.

Perkins, Therold W.
Rolla, Mo.

Perke, Robert A.
St. Louis, Mo.

Perry, John D.
Rolla, Mo.

Perry, Robert C.
Crystal City, Mo.

Peterson, Ralph E.
Webster Groves, Mo.

Peterson, Warren M.
Pittsburg, Kans.

Phillips, Lloyd B.
Ironton, Mo.

Pipkin, L. Murray
Springfield, Ill.

Pippert, William S.
St. Louis, Mo.

Plummer, Thomas P.
Philadelphia, Pa.

Pollish, Lloyd
Beloit, Wisc.

Pomeroy, Frank N.
Springfield, Mo.

Poppitz, Reinhold A.
Wellston, Mo.

Poteet, Eleanor A.
Lemay, Mo.

Pounds, Ivor B.
Wichita, Kans.

Presnell, Robert E.
St. Joseph, Mo.

Preston, F. S.
Kansas City, Mo.

Propst, Irvin L.
Northumberland, Pa.

Pyle, Raymond D.
Duquoin, Ill.

Mitchell
Moore
H. Myers
Oram

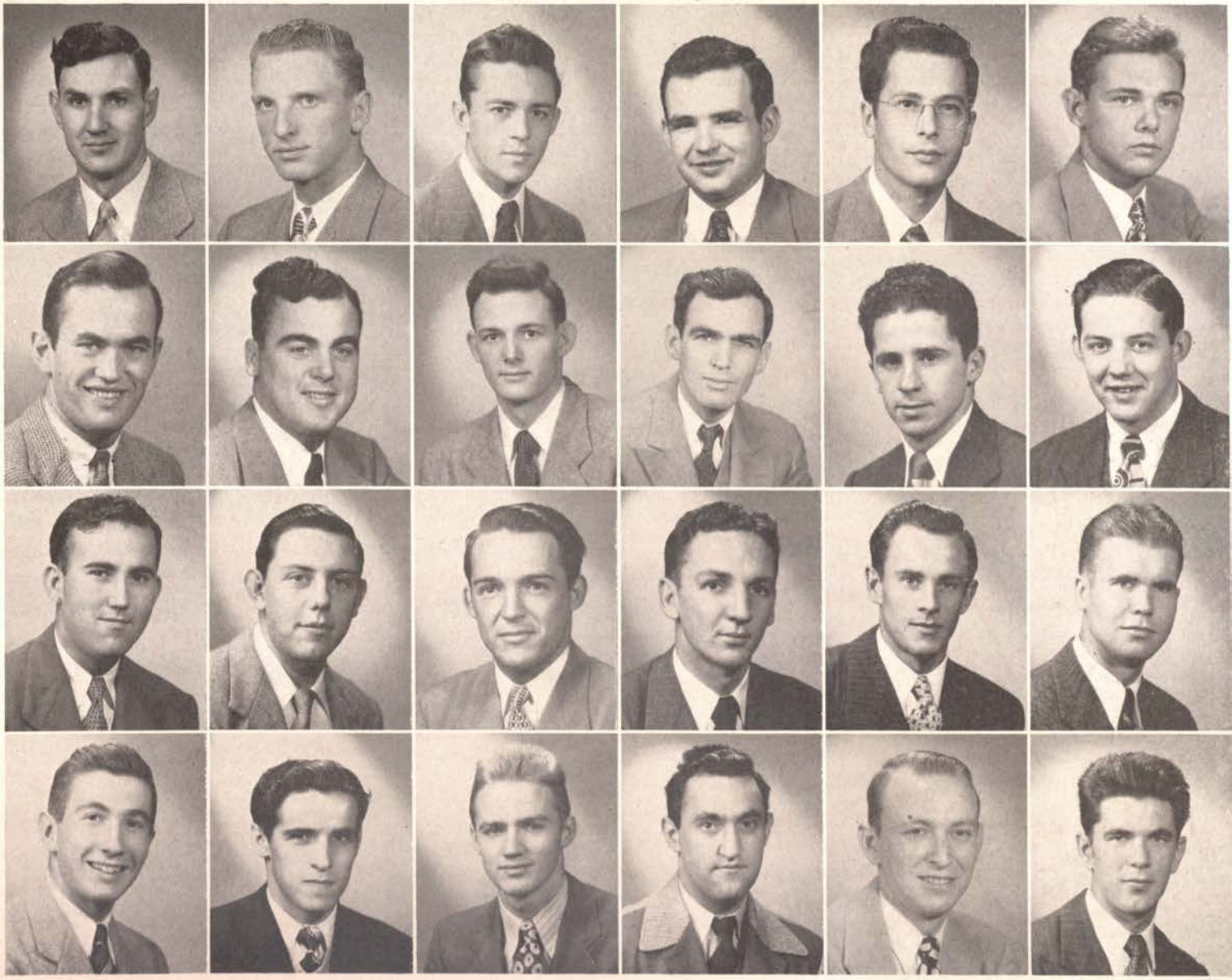
F. Miller
Morlock
Needham
Ost

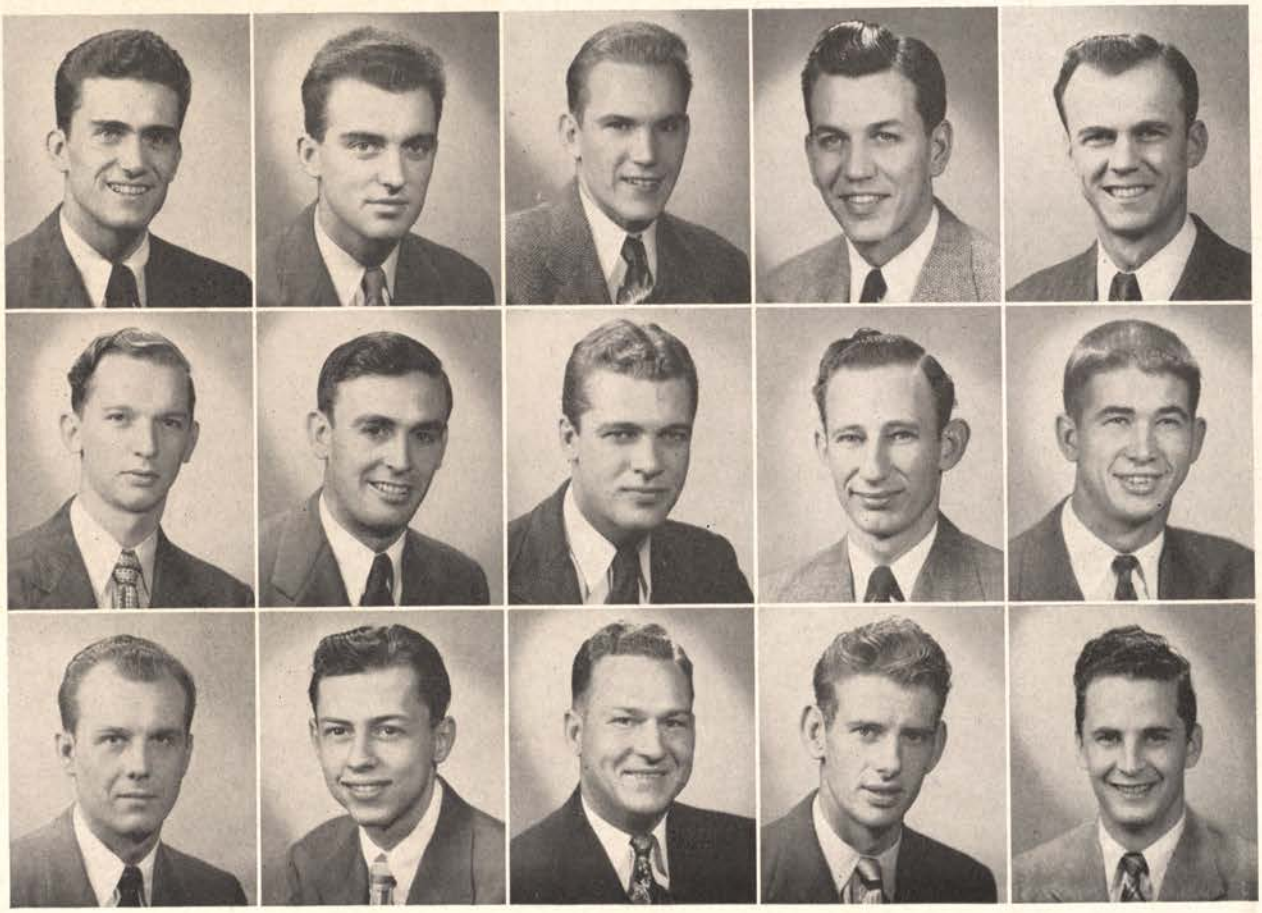
Middeler
Morse
Neely
Ostmann

J. R. Miller
Mulligan
Niederstadt
Ouzer

Morgan
Murillo
Niemiste
Painter

D. Moeller
B. Myers
O'Brien
Paulick





Padfield
Perko
Pollish

Penman
Phillips
Poppitz

Peppers
Pipkin
Preston

R. Perry
Pomery
Propst

Perkins
Pounds
Quevreaux

Quevreaux, Wilbur F.
Webster Groves, Mo.

Quinn, J. S., Jr.
Sedalia, Mo.

Ramsey, J. R.
Warrenton, Mo.

Randle, Joe Edwin
West Burke, Vt.

Rapisardo, Roy R.
St. Louis, Mo.

Ratcliff, John J.
Kansas City, Mo.

Rauch, Robert P.
St. Louis, Mo.

Reed, Charles J.
Willow Springs, Mo.

Reed, Raymond W.
Springfield, Ill.

Reichelt, Robert E.
St. Louis, Mo.

Reilly, J. G., Jr.
Pachuca, Mexico

Reinkensmeyer, N. W.
Hoyleton, Ill.

Reisner, Peter E.
Kansas City, Mo.

Reiss, Joseph J.
St. Louis, Mo.

Remington, C. R., Jr.
Rolla, Mo.

Reynolds, Henry E.
West Plains, Mo.

Rice, Daniel P.
Rolla, Mo.

Rice, John H.
Rolla, Mo.

Richter, Hans E.
Mineola, N. Y.

Riepl, Marvin S.
St. Joseph, Mo.

Rixman, Donald J.
St. Louis, Mo.

Roark, Bill Roy
Anderson, Mo.

Roberts, Warren W.
Colchester, Ill.

Robison, Leslie B.
Cape Girardeau, Mo.

Rohr, Marion R.
Springfield, Mo.

Ronald, William R.
St. Louis, Mo.

Roper, Max Eugene
Springfield, Mo.

Rose, Robert T.
Godfrey, Ill.

Rosenbaum, Seymour
New York, N. Y.

Ross, Floyd F.
Dexter, Mo.

*Don't watch the light!*

# Junior Class of '48

Rossello, Philip J.
Oneida, N. Y.

Routh, Rayferd D.
St. Louis, Mo.

Rowe, John Douglas
Manhasset, N. Y.

Rowley, Kermit G.
Shawneetown, Ill.

Russell, James H.
Rolla, Mo.

Russell, Raymond H.
Rolla, Mo.

Rutledge, Robert E.
Lemay, Mo.

Ryan, G. P., Jr.
Rolla, Mo.

Ryan, Jerry D.
St. Louis, Mo.

Sakonyi, Frank W.
Orient, Ill.

Sander, Vernon H.
Cape Girardeau, Mo.

Sanders, Harold R.
Cape Girardeau, Mo.

Sanders, Raymond L.
Levasy, Mo.

Sappington, W. L.
Poplar Bluff, Mo.

Sartorious, R. C.
St. Louis, Mo.

Saunders, Michael F.
Florissant, Mo.

Schaefer, Emmett A.
Higginsville, Mo.

Schaefer, Paul F.
Joplin, Mo.

Schaffrodt, James E.
Wood Haven, N. Y.

Scheid, Marlyn J.
St. Louis, Mo.

Schirmer, William A.
St. Louis, Mo.

Schlueter, R. J.
Belleville, Ill.

Schmedake, Robert E.
Anutt, Mo.

Schmidt, Arthur L.
Webster Groves, Mo.

Quinn
Reisner
Rice
Routh

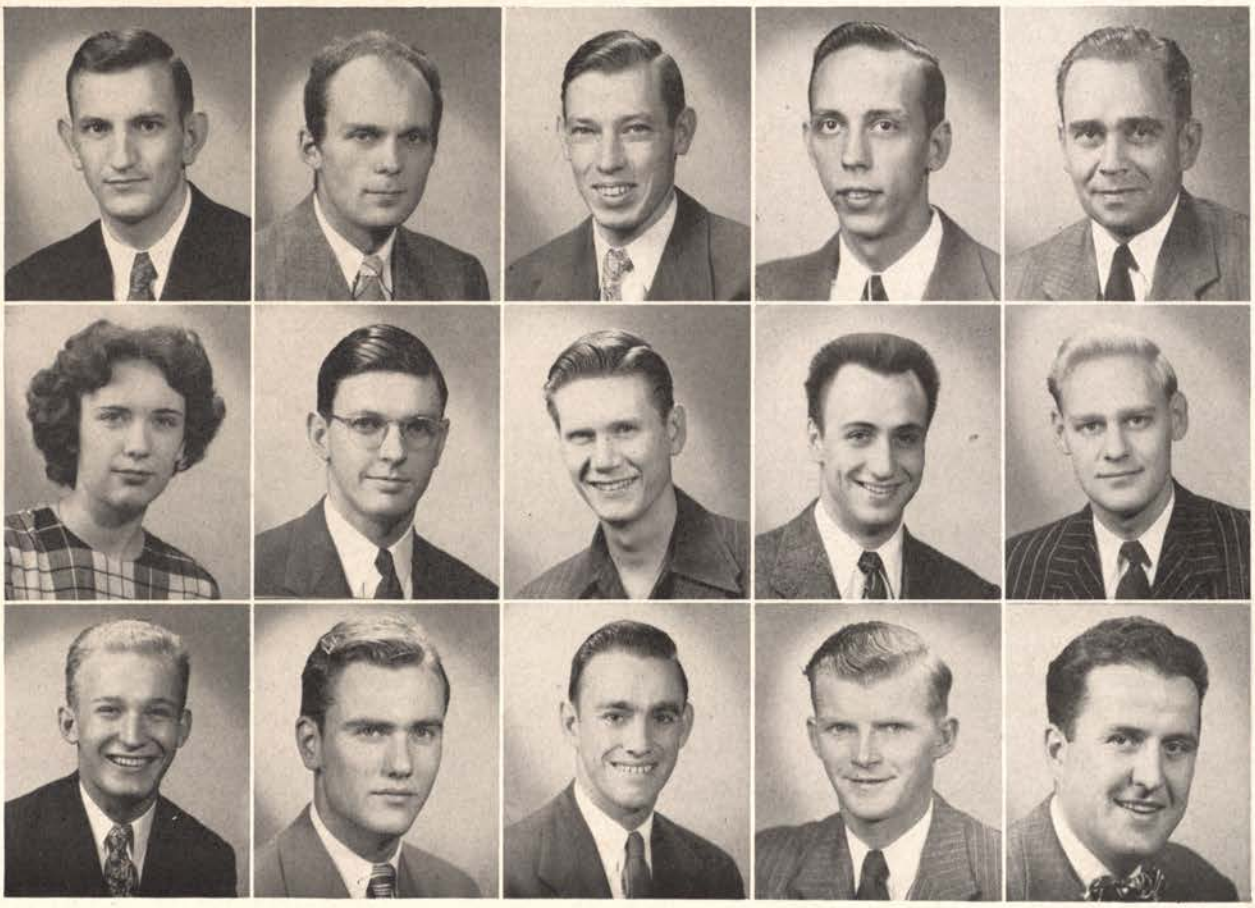
Randle
Reiss
Rixman
Rowley

Ratcliff
Remington
Robison
Russell

Rauch
Reynolds
Ronald
R. Rutledge

Reilly
Riepl
Roper
G. Ryan

Reinkensmeyer
Rice
Rose
J. Ryan



Sakonyi
M. Schaefer
A. Schmidt

Sanders
P. Schaefer
E. Schmidt

Sappington
Scheid
J. Schmitt

Sartorius
Schirmer
P. Schmitt

E. Schaefer
Schlueter
Schuermann

Schmidt, Elmer M.
Hinsdale, Ill.

Schmitt, James C.
Alton, Ill.

Schmitt, Paul J.
Waterloo, Ill.

Schmitz, John Fred
Albertson, N. Y.

Schneider, Robert B.
Springfield, Mo.

Schoenky, Henry P.
Kirkwood, Mo.

Schuermann, W. O.
St. Louis, Mo.

Schuler, Leonard L.
Rolla, Mo.

Schluster, Martin E.
St. Louis, Mo.

Seelig, A. F., Jr.
St. Louis, Mo.

Serafini, Guy
Jasper, Mo.

Sevick, Joseph G.
Yonkers, N. Y.

Shaver, Arthur J.
St. Louis, Mo.

Shaw, Robert Jesse
Leadwood, Mo.

Shaw, William H.
Rolla, Mo.

Short, Keith E.
Rolla, Mo.

Shroyer, Bettie B.
New Mexico

Shroyer, Robert B.
New Windsor, Ill.

Shukers, Charles F.
Rolla, Mo.

Shute, John Walter
Van Nuys, Calif.

Sidie, Royal W.
St. Mary's, Mo.

Siegel, W. A., Jr.
Kansas City, Kans.

Simonds, Roy L.
St. Joseph, Mo.

Sindelar, Ernest C.
Webster Groves, Mo.

Siracusa, Ernest J.
Crystal City, Mo.

Slawsky, Martin Leo
Albany, N. Y.

Slusher, Robert C.
Lexington, Mo.

Smith, Carroll E.
Joplin, Mo.

Smith, Donald W.
Rolla, Mo.

Smith, Edward J.
Vichy, Mo.

*Listening to an ol' timer.*

# Junior Class of '48

Smith, Edward L.
Cantwell, Mo.

Smith, Hal Jewett
Rolla, Mo.

Smith, Hubert R.
Rolla, Mo.

Smith, Irby L.
Paris, Tenn.

Smith, Lowell T.
St. Louis, Mo.

Smith, Oliver V.
Pine Lawn, Mo.

Smith, Paul James
Rolla, Mo.

Smith, Russell A.
Southwick, Mass.

Smith, William E.
Springfield, Mo.

Snow, Damon W.
Kirkwood, Mo.

Snyder, L. P., Jr.
Rolla, Mo.

Soxman, Edwin J.
Kansas City, Mo.

Spanberger, L., Jr.
Granite City, Ill.

Speak, Benjamin C.
Fornfelt, Mo.

Sponske, John J.
Rolla, Mo.

Springer, Everett W.
Rolla, Mo.

Springer, F. M.
Houston, Texas

Springstube, C. P.
Kansas City, Mo.

Stadelhofer, Jack F.
Webster Groves, Mo.

Stahl, Roy P.
Arnold, Mo.

Stallman, Ralph A.
Rolla, Mo.

Starkweather, R. H.
Rolla, Mo.

Steckenrider, Ray N.
Christopher, Ill.

Steele, Davis T.
Springfield, Mo.

Schuler
Shaw
E. Smith
E. Springer

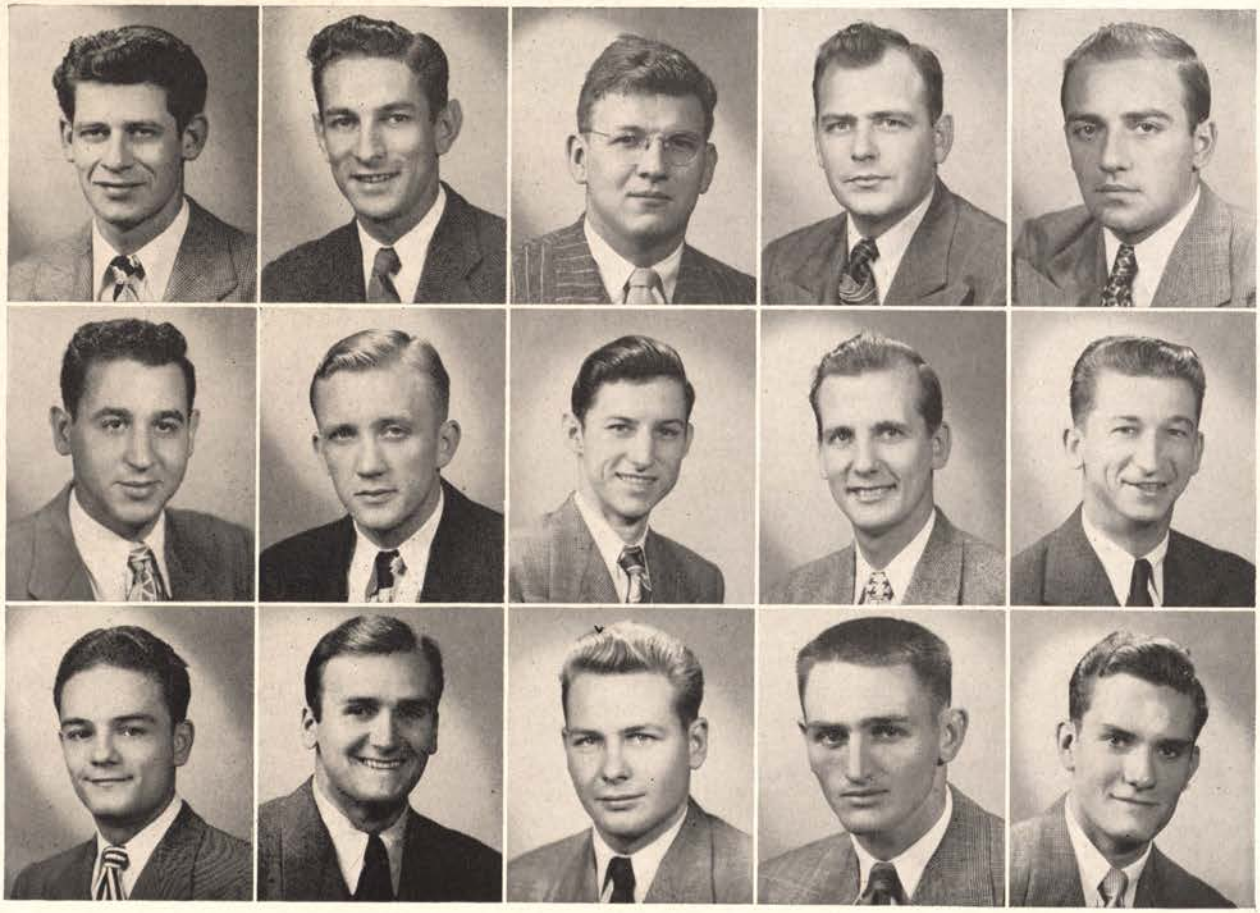
Schuster
W. Shaw
O. Smith
F. Springer

Seelig
Shukers
W. Smith
Springstube

Siegel
Shute
Synder
Stadelhofer

Serafini
Simonds
Spanberger
Starkweather

Sharp
D. Smith
Sponske
Steckenrider



H. Stein
Sublitzky
D. Telthorst

J. Stein
Sullivan
H. Telthorst

Stovall
Svanut
Tess

Straub
Szumachowski
Teas

Strubert
Tabor
E. Telthorst

Steele, Harry B., Jr.
West Plains, Mo.

Steele, Luther R.
Springfield, Mo.

Stein, Herbert S.
New Rochelle, N. Y.

Stein, John E.
Cuba, Mo.

Stewart, William H.
Poplar Bluff, Mo.

Stobie, A. B., Jr.
Kirkwood, Mo.

Stohldrier, I. H.
Webster Groves, Mo.

Stovall, Richard L.
St. Louis, Mo.

Straub, Harold E.
Rolla, Mo.

Strubert, Joseph N.
Lemay, Mo.

Stumpf, Kenneth E.
Rolla, Mo.

Subitsky, Seymour
Mt. Vernon, N. Y.

Sullivan, Roland W.
Monett, Mo.

Szumachowski, E. R.
Schenectady, N. Y.

Tabor, Floyd E.
Marine, Ill.

Tanner, Paul E.
Elgin, Ill.

Teasdale, Robert F.
Rolla, Mo.

Teel, William L.
Overland, Mo.

Telthorst, Don H.
St. Louis, Mo.

Telthorst, Edgar J.
St. Louis, Mo.

Telthorst, Harold M.
St. Louis, Mo.

Tess, Charlmar F.
Florissant, Mo.

Teter, Floyd M.
Gillespie, Ill.

Thielker, Edgar E.
St. Louis, Mo.

Thomason, James B.
Granite City, Ill.

Thomasson, Edwin M.
Mounds, Ill.

Thompson, Clarence W.
Rolla, Mo.

Thompson, Edwin T.
Norris, Ill.

Thompson, Richard H.
Kirkwood, Mo.

Thorp, John M.
St. Louis, Mo.

Tichy, Nicky
St. Louis, Mo.

Timbrook, Paul W.
St. Louis, Mo.

Tindall, Robert
St. Joseph, Mo.

Tippit, Vaughn E.
Joplin, Mo.

*Ed Telthorst, a summer soldier.*

# Junior Class of '48

Tischler, Martin S.
University City, Mo.

Tittman, David W.
Springfield, Ill.

Todd, Joseph W.
Rolla, Mo.

Toomey, John B.
Greenwich, Conn.

Tothill, Charles E.
Wytheville, Va.

Tubielewicz, T. V.
New York, N. Y.

Tucker, Arthur Lou
Flat River, Mo.

Tucker, Robert F.
Alton, Ill.

Turk, Carrol G.
Springfield, Mo.

Turner, Clifford E.
Newburg, Mo.

Turner, William E.
Walnut Ridge, Ark.

Tweedy, John F.
Rolla, Mo.

Twombley, Robert C.
Spartanburg, S. C.

Tyrer, Gene A.
Affton, Mo.

Tyrrell, William M.
Rolla, Mo.

Ummel, Otis Ray
Lamar, Mo.

Vance, John Moses
Edgar Springs, Mo.

Van Hook, John T.
Rolla, Mo.

Vark, William, Jr.
Hannibal, Mo.

Vaughn, George E.
Rolla, Mo.

Vicoli, Nick E.
St. Louis, Mo.

Viles, Landon C.
Bolivar, Mo.

Vreeland, Robert M.
St. Louis, Mo.

Wagner, C. L., Jr.
Kirkwood, Mo.

Walker, James F.
Rolla, Mo.

Walker, R. C., Jr.
St. Louis, Mo.

Walker, Walter W.
Cuba, Mo.

Wallney, Harley H.
Borwin, Ill.

R. Thompson
R. Tucker
Uriwal
W. Walker

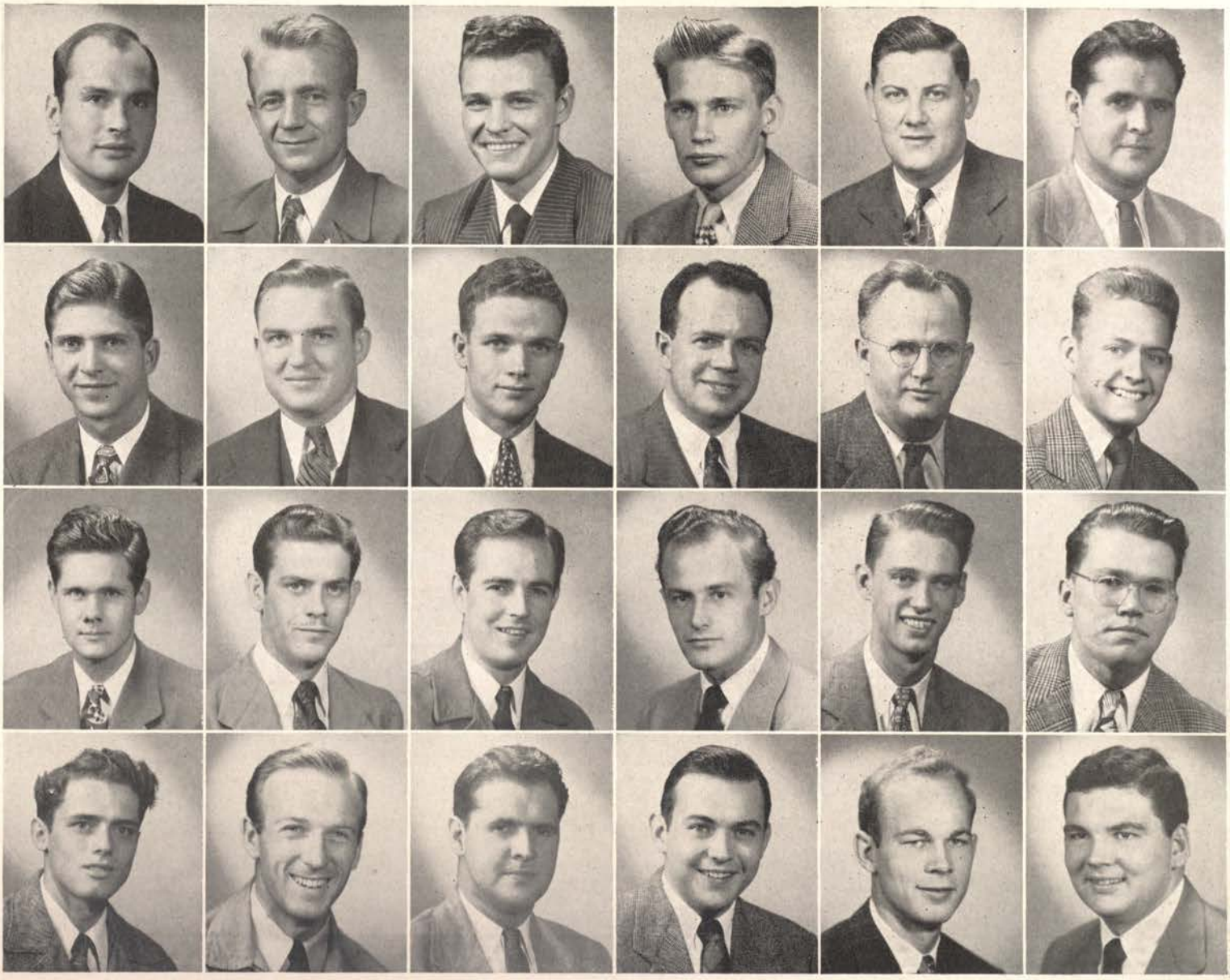
C. Thompson
Turk
Ummel
Wallace

Thielker
C. Turner
Van Hook
Todd

Timbrook
Tweedy
Vark
Wallney

Tindall
Twombley
Vreeland
A. Weber

Todd
Tyrer
Wagner
Weinel



# Junior Class of '48

F. Weber
Winters
Yochum

West
Withers
Yeckel

Weismantel
Withrow
Zurheide

Werner
Wright
Zirinsky

Williams
Wundrack
Zavislak

Wiese
R. Young

*Weismantel, the world's worst surveyor.*

Warfield, Raymond A.
Falls City, Nebr.

Warsing, J. W., Jr.
Rolla, Mo.

Watz, Francis John
Grand Rapids, Mich.

Weber, Arthur H.
Richmond Heights, Mo.

Weber, Frank Leo
St. Louis, Mo.

Weinel, Robert P.
East St. Louis, Ill.

Weinland, Harold A
East St. Louis, Ill.

Weismantel, W. L.
St. Louis, Mo.

Weissman, T. S.
Brooklyn, N. Y.

Wells, Vernon L.
Caney, Kans.

Werner, Edwin J.
Rolla, Mo.

Wesley, Wallace M.
Rolla, Mo.

West, Leonard J.
Springfield, Mo.

Whitlock, T. R.
Clinton, Ind.

Wiese, Richard V.
Kirkwood, Mo.

Wilkingson, E. C.
Rolla, Mo.

Williams, Raymond J.
St. Louis, Mo.

Winn, Ralph A.
St. Louis, Mo.

Winter, Eugene F.
Fredericktown, Mo.

Winters, Fred E.
Marion, Ind.

Wirfs, Thomas P.
St. Louis, Mo.

Wisdom, David Glen
Kansas City, Mo.

Wissmann, Walter W.
Kirkwood, Mo.

Withers, John S.
Moscow Mills, Mo.

Witherspoon, D. R.
Fredonia, Kans.

Withrow, Harold J.
Oxly, Mo.

Wolfe, Clarence L.
Rolla, Mo.

Wolk, Norman B.
Rolla, Mo.

Wolsey, David E.
Rolla, Mo.

Wood, James E.
Rolla, Mo.

Wright, Floyd W.
St. Louis, Mo.

Wright, John W.
East St. Louis, Ill.

Wright, Joseph E.
St. Louis, Mo.

Wundrack, William A.
St. Louis, Mo.

Yeckl, Frank M.
St. Louis, Mo.

Yochum, Robert J.
St. Louis, Mo.

Young, Reagan H.
Rolla, Mo.

Young, William J.
Rolla, Mo.

Youngblood, James P.
Springfield, Mo.

Younghaus, Richard P.
Richmond Heights, Mo.

Youngs, Lloyd P.
Chillicothe, Mo.

Zavislak, Lewis
Los Angeles, Calif.

Ziebell, Wilford R.
Beloit, Wisc.

Zirinsky, Stanley
Brooklyn, N. Y.

Zurheide, George B.
Rolla, Mo.

Zvanut, Albert J.
St. Louis, Mo.

# Special and Unclassified Students

## SPECIAL STUDENTS

Burstein, Murray
Brooklyn, N. Y.

Fitzpatrick, Robert J.
St. Joseph, Mo.

Fowler, Melvin P.
Ava, Mo.

Fulford, William W.
Daytona Beach, Fla.

Hamilton, James O.
Carbondale, Ill.

Kearney, Charles W.
Cresson, Penn.

Marino, John P.
Kansas City, Mo.

Mignery, Melvin M.
Rolla, Mo.

Robertson, Donald K.
Anthony, Kans.

Sands, Edward Roy
Rolla, Mo.

Shackelford, John C., Jr.
Rolla, Mo.

Trager, Francis J.
Chillicothe, Mo.

Trefethen, Gardner E.
Rolla, Mo.

Warsing, Robert G.
Rolla, Mo.

*Old Power Plant.*

## UNCLASSIFIED STUDENTS ENTERING IN FEBRUARY

Amin, Chandabbahai C.
Bombay, India

Belew, Sara Ann
Salem, Mo.

Burgett, Max Austin
Rolla, Mo.

Cain, Emmett H.
Rolla, Mo.

Burtnett, Robert L.
Webster Groves, Mo.

Grain, Walter Lee
Rolla, Mo.

Eadie, Ruth B.
Rolla, Mo.

Knudsen, Trine
Bargestad, Norway

Lansford, Oris Glenn
Belle, Mo.

Leverett, Rosa Lee
Rolla, Mo.

Mash, Lilburn Lomas
St. James, Mo.

Miller, Betty J. Slinkard
Oak Ridge, Mo.

Murray, Donald Patrick
St. Louis, Mo.

## UNCLASSIFIED STUDENTS

Applegate, Mary L. B.
Rolla, Mo.

Black, Kenneth L.
Rolla, Mo.

Boorman, Beverley A.
Rolla, Mo.

Cagg, Olive Ann
Rolla, Mo.

Campbell, Robert E.
Joplin, Mo.

Cizek, Marjorie R.
Rolla, Mo.

Clubb, Jack W.
Newburg, Mo.

Colson, Ralph H.
Springfield, Mo.

Cooper, Mary Anne
Rolla, Mo.

Cronk, Robert J.
Rosiclare, Ill.

Culmo, Samuel A.
Ansonia, Conn.

Edwards, William A.
Salem, Mo.

Fitzpatrick, Mrs. Marion E.
Rolla, Mo.

Gore, Charles B.
Excelsior Springs, Mo.

Grojean, Theon F., Jr.
Benton, Mo.

Hoover, William C.
Rolla, Mo.

Horrom, Bernetta J.
Rolla, Mo.

Jackson, Mrs. Anna L.
Rolla, Mo.

McFarland, Billy V.
Rolla, Mo.

Marcellus, Jacqueline E.
Rolla, Mo.

Massie, Ray L.
Salem, Mo.

Niemiller, Kenneth J.
Rolla, Mo.

Peters, Robert E.
Rolla, Mo.

Powell, James Allen
Rolla, Mo.

Redwine, George L.
Rolla, Mo.

Rhodes, Sammy Joe
Rolla, Mo.

Smith, John Edward
Rolla, Mo.

Snyder, Avalee Jacquelyn
Rolla, Mo.

Tripp, Howard Lavon
Chillicothe, Mo.

Tyrrell, Marjorie Andrews
Salem, Va.

Walrath, Dorothy Elaine
Rolla, Mo.

Watz, Violet Butcher
Grand Rapids, Mich.

Young, Gordon Lee
Clayton, Mo.

# Sophomores

## SOPHOMORE CLASS OFFICERS

President.....Sam Culmo
Vice-President.....Robert Franklin
Secretary.....Ralph Johnston
Treasurer.....Bill Main

## SOPHOMORES ENTERING IN FEBRUARY

Adams, Kenneth Dean
St. Joseph, Mo.

Beck, Russel John
Mehasha, Wisc.

Blount, Harold Dewey
Floral, Ark.

Brunson, Vernon Thomas
Dallas, Tex.

Cheadle, Keith Frederick
Rosati, Mo.

Benson, Francis M.
Cuba, Mo.

Bertelsmeyer, John G.
St. Louis, Mo.

Carl, Louis Henry
Boonville, Mo.

Fallis, Charles E.
New Rochelle, N. Y.

Hansen, Richard O.
St. Louis, Mo.

Julien, Carl V.
Teaneck, N. Y.

Melton, John H.
Herrin, Ill.

Miller, F. A.
Webster Groves, Mo.

Milligan, Ed. J.
Flushing Queens, N. Y.

Reeves, Theodore J.
St. Louis, Mo.

Theerman, Harold B.
Warrenton, Mo.

Dare, Wilbert Leland
St. Louis, Mo.

Farrow, Charles Truman
Cape Girardeau, Mo.

Gibbs, Louis Albert, Jr.
New Rochelle, N. Y.

Harrison, Robert M.
Benton, Mo.

Houston, Rex William
Beardstown, Ill.

Julian, Elton, Newark, N. J.

Krautter, Henry John

Loeb, Otto
Amsterdam, Netherlands

March, Calvin Byron
Climax, Colo.

Pearson, Walter Orr
Granite City, Ill.

Peterson, Howard G.
Salt Lake City, Utah

Rudoff, Paul
St. Louis, Mo.

Schmedt, Herbert Leo

Scofield, Nancy Cooney
Rolla, Mo.

Strickland, Reuben Wilson
Marshall, Tex.

Taylor, Donald Edward
Redlands, Calif.

Turk, James
Festus, Mo.

Vickers, Rollin C.
Perry, N. Y.

Yager, Arthur Wallace
Springfield, Mo.

Abendschein, Jack C.
Lancaster, N. Y.

Absalom, John Smith
Buffalo, N. Y.

Acheson, Edwin R.
Kirkwood, Mo.

Adams, Kenneth E.
St. Louis, Mo.

Aegerter, Paul A.
St. Louis, Mo.

Aldag, John H., Jr.
Richmond Heights Mo.

Amsler, John O.
St. Louis, Mo.

Anderson, Donald B.
LaSalle, Ill.

Anderson, George H.
Lawrenceville, Ill.

Anderson, Lenhart G.
Kansas City, Mo.

Andreasen, Ralph A.
Bartlett, Ill.

Angerman, William J.
St. Louis, Mo.

Arman, Ismail H.
Bolu, Turkey

Armstrong, Robert A.
San Diego, Calif.

Atwell, John R.
Rolla, Mo.

Averbach, Philip
Rochester, N. Y.

Babbitt, Jack R.
St. Louis, Mo.

Bach, W. E., Jr.
St. Louis, Mo.

Bachman, William G.
Glendale, Mo.

Bagwell, Richard S.
St. James, Mo.

Bailey, Allen B.
DuQuoin, Ill.

Bailey, Dale A.
New Baden, Ill.

Bain, Hugh L.
Mt. Vernon, Ill.

Baldo, Alexander H.
E. Elmhurst, N. Y.

Ball, Robert D.
Rolla, Mo.

Barnes, Amos E.
Doniphan, Mo.

Barritt, Clifford L.
Kirkwood, Mo.

Barsachs, Edwin H.
St. Louis, Mo.

Bartels, Eugene A.
Edwardsville, Ill.

Baseley, Robert L.
Union, Ill.

Basham, James C.
Centralia, Ill.

Becker, Ronald F.
Glendale, Mo.

Beckham, Oscar S.
Rolla, Mo.

Beeson, Merle A.
St. Elmo, Mo.

Belcher, Donald K.
Vernon, Ill.

Belew, Leland F.
Rolla, Mo.

Bell, James E.
La Harpe, Ill.

Bennett, John C.
Cairo, Ill.

Beniot, Maurice E.
Freeport, N. Y.

Bentrup, Eugene A.
St. Louis, Mo.

Berenato, Anthony J.
Hammonton, N. J.

Berger, Frank C.
St. James, Mo.

Berger, Laurel D.
Trenton, Ill.

Bergman, Frank W.
Monsanto, Ill.

Betz, Irving G.
Camden, N. J.

Betz, Robert A.
Park Ridge, Ill.

Bevan, William L.
St. Louis, Mo.

Birbeck, Lester R.
King City, Mo.

Birch, Frank S., Jr.
Rolla, Mo.

Bishop, Earl, Jr.
Walnut, Ill.

Blackstock, R. S.
Overland, Mo.

Blankenship, J. D.
Macon, Mo.

Block, Carl G.
St. Louis, Mo.

Bloome, Loren G.
S. Standard, Ill.

Bloome, Robert L.
S. Standard, Ill.

Bock, George H.
St. Louis, Mo.

Boecker, Fred, Jr.
Chicago, Ill.

Bolles, Ortez
St. Elmo, Ill.

Boolwerk, George P.
St. Louis, Mo.

Bopp, Gene W.
Kirkwood, Mo.

Born, Werner C.
St. Louis, Mo.

Bosehert, Charles H.
St. Louis, Mo.

Bounds, Ivan L.
Fort Smith, Ark.

Bowen, James A., Jr.
Rolla, Mo.

Bowles, Raymond W.
Fulton, Ky.

Boyd, T. E., Jr.
Wheaton, Ill.

Bradley, Andrew J.
Roanoke, Ill.

Bradley, Kenneth R.
Roanoke, Ill.

Brandt, David G.
Westfield, N. J.

Brandt, James P.
Concord, Calif.

Branson, Donald A.
St. Louis, Mo.

Brauer, Charles W.
Mexico, Mo.

Braun, Eugene C.
Florissant, Mo.

Breeze, Wilbur D.
Centralia, Ill.

Bregger, Frank E.
E. Alton, Ill.

Braidert, Elmer C.
St. Louis, Mo.

Breitwieser, R. H.
E. St. Louis, Ill.

Brinkmann, C. E.
Washington, Mo.

Broaddus, Richard D.
Chillicothe, Mo.

Brooks, Roger A.
St. Louis, Mo.

Brown, Everett O.
Kansas City, Mo.

Brown, Jack Paul
St. Louis, Mo.

# Sophomore Class of '48

Brown, James A.
Overland, Mo.

Brown, Robert H.
Floral Park, N. Y.

Brown, Stuart, S.
Springfield, Ill.

Brown, W. B., Jr.
Edwardsville, Ill.

Browngard, Billy R.
Hannibal, Mo.

Bruer, Everett E.
St. Louis, Mo.

Brugioni, Delmo
Jefferson City, Mo.

Brunnenmeyer, L. R.
Peoria, Ill.

Bublitz, Edward G.
Arlington Hts, Ill.

Bucha, William F.
Hammond, Ind.

Bucher, Henry E.
University City, Mo.

Bueker, Edgar L.
Warrenton, Mo.

Burke, James F.
St. Louis, Mo.

Burke, William M.
Bunker Hill, Ill.

Butler, Pierre A.
El Dorado, Ill.

Buttrey, Charles G.
Illmo, Mo.

Byrd, Herman C.
Rolla, Mo.

Caldwell, A. D., Jr.
Fort Smith, Ark.

Calhoun, James A.
Jefferson Brks., Mo.

Callahan, Melvin E.
West Plains, Mo.

Callicott, Julian C.
LaPlata, Md.

Calton, Marion R.
Verana, Mo.

Campbell, Walter W.
Jerseyville, Ill.

Campion, John
Ambler, Penn.

Cantwell, Rodney S.
Bucklin, Mo.

Carlson, G. E., Jr.
Riverside, Ill.

Carney, Donald F.
Licking, Mo.

Carney, John L., Jr.
St. Louis, Mo.

Carroll, Charles H.
Rutland, Vt.

Carter, Robert E.
Bourbon, Mo.

Castelli, August V.
St. Louis, Mo.

Castrale, Arduino
Johnston City, Ill.

Chambers, Frank T.
Rolla, Mo.

Chapman, H. E., Jr.
Dumont, N. J.

Chapple, Ralph E.
Lebanon, Ill.

Chen, Willie Y.
New York, N. Y.

Chesebrough, S. A.
Des Moines, Ia.

Choats, Robert L.
Metropolis, Ill.

Chorney, Peter L.
Albion, N. Y.

Ciarico, Anthony J.
Albion, N. Y.

Clark, William W.
Carthage, Mo.

Clausen, George R.
Alton, Ill.

Clayton, Roy T.
Licking, Mo.

Coffee, Ralph E.
Overland, Mo.

Coffelt, Jack K.
Sedalia, Mo.

Cohen, Bernard
Brooklyn, N. Y.

Comanich, George W.
Orient, Ill.

Compton, Stanley E.
Kansas City, Mo.

Coolbaugh, William E.
Edwardsville, Ill.

Cooper, James D.
Batesville, Ark.

Coplen, R. I., Jr.
Sedalia, Mo.

Cory, Marvin D.
Kansas City, Mo.

Corpew, Charles R.
Kirkwood, Mo.

Costa, Eugene C.
Springfield, Ill.

Cotter, George W.
West Frankfort, Ill.

Cox, Delbert R.
Murphysboro, Ill.

Cox, William H.
Cuba, Mo.

Crabtree, George W.
Eldred, Ill.

Craig, Alexander J.
Clifton, N. J.

Crandell, Elva L.
Salem, Mo.

Cunningham, W. P.
Kansas City, Mo.

Cutler, Clifford P.
Kansas City, Mo.

Dampf, Donald P.
Jefferson City, Mo.

da Silva, Antonio J.
New Rochelle, N. Y.

Daugherty, Frank L.
Clinton, Mo.

Davidson, G. H., Jr.
St. Louis, Mo.

Davis, Raymond W.
Rolla, Mo.

Davis, Richard K.
St. Louis, Mo.

Davis, Robert E.
Greenville, Ohio

Day, Donald J.
Prospects Hts., Ill.

Day, Russell
St. Louis, Mo.

Decker, E. R., Jr.
St. Louis, Mo.

Del Porte, Karl H.
Kirkwood, Mo.

Dempsy, William S.
St. Louis, Mo.

Deutch, Morton
St. Louis, Mo.

Diefenbach, R. E.
Rolla, Mo.

Dieringer, Donald R.
Dumont, N. J.

Dillender, G., Jr.
Alton, Ill.

Dillon, Joseph B.
Springfield, Mo.

Dintleman, W. W.
Kirkwood, Mo.

DiPrimo, Anthony J.
St. Louis, Mo.

Dixon, Matthew B.
N. Tarrytown, N. Y.

Dodwell, Orville B.
Poplar Bluff, Mo.

Dodwell, Robert L.
Poplar Bluff, Mo.

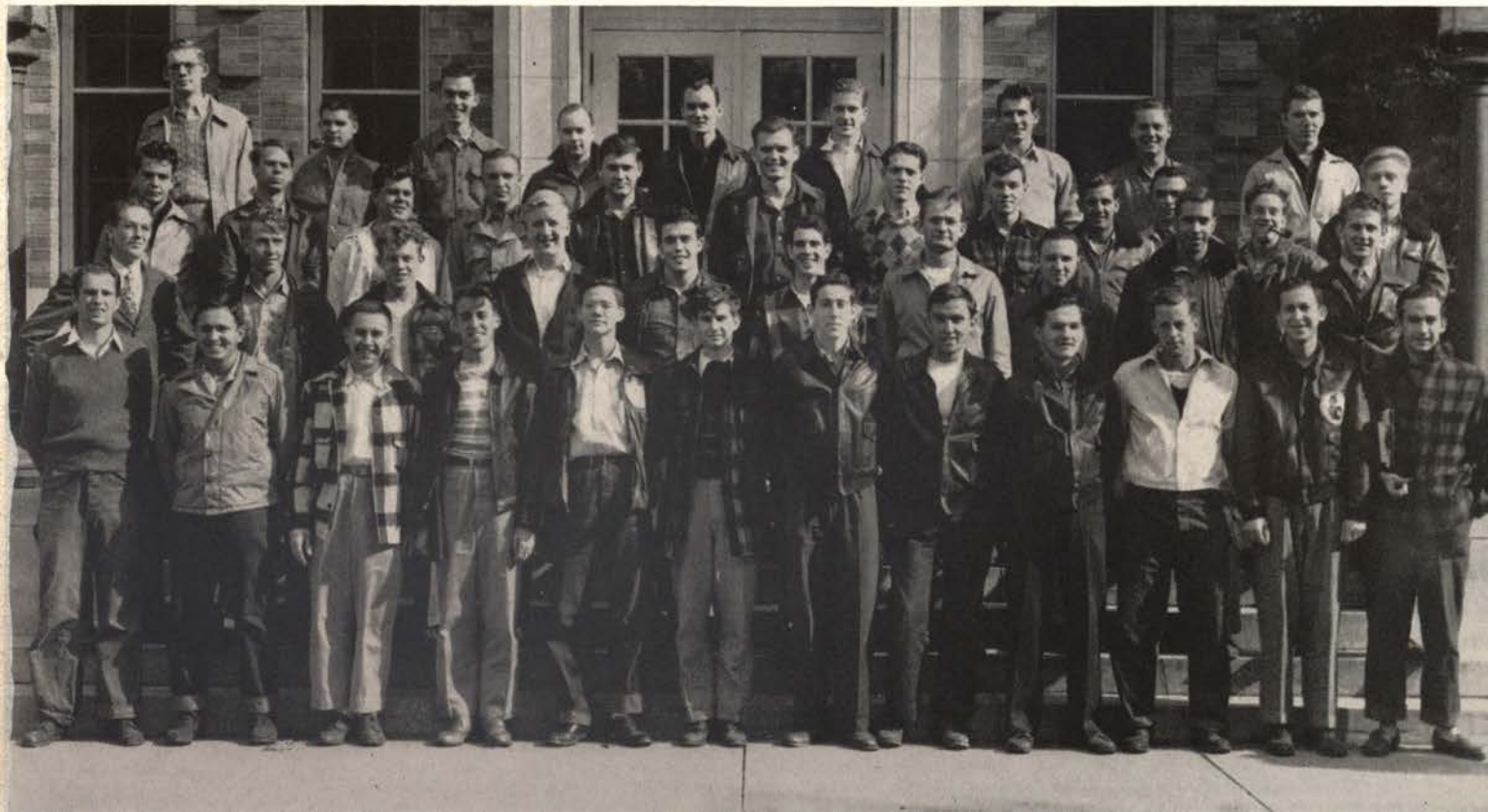
Doll, John W.
University City, Mo.

Drake, Avery A., Jr.
Rolla, Mo.

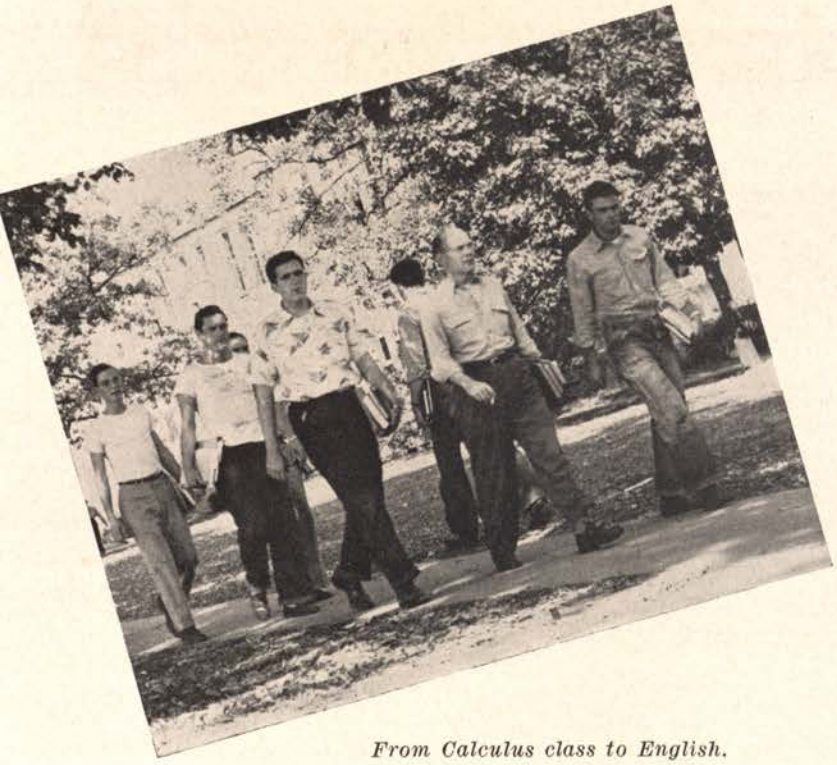
Dressler, Robert D.
St. Louis, Mo.

Dryden, Joseph L.
St. Louis, Mo.

FOURTH ROW: Elsner, Eaton, Miller, McGaughey, Calhoun, Ladwick, Mallrich, Stephens, Stalin. THIRD ROW: Ring, Bartels, Johnson, Barritt, Wagner, Sinz, Wassilak, Cunningham, Hoffman, Phillips, Strassuer, Steuterman. SECOND ROW: Bueker, Daugherty, McNichols, Peterson, Bach, Timlin, Gerler, Stanhope, Thrall, Butler. FIRST ROW: Mabie, Bevan, Knight, Middleton, Jones, Heacock, Johnston, Schowengerdt, Knappert, F. Johnson, Marcus, Yodice.



# Sophomores



*From Calculus class to English.*

Duerr, Sidney E.
Webster Groves, Mo.

Dunbar, Dwight D.
Steelville, Mo.

Duncan, Perry D.
Festus, Mo.

Duncan, Richard H.
Flat River, Mo.

Duncil, Glenn K.
Donnellson, Ill.

Dunn, Ervin E.
Anaheim, Calif.

Durrenberger, J. W.
Valdosta, Ga.

East, Carl G.
Herrin, Ill.

Eaton, George R.
Lawrenceville, Ill.

Eck, Bernard J.
Springfield, Ill.

Eckert, Fred H.
Belleville, Ill.

Edwards, Robert F.
Attica, N. Y.

Edwards, William J.
St. Louis, Mo.

Effimoff, Slave A.
Granite City, Ill.

Eggemann, Robert V.
Alton, Ill.

Eichholz, Joseph H.
St. Louis, Mo.

Edison, Dennis L.
Colfax, Ill.

Eldridge, Adelbert K.
St. Louis, Mo.

Ellis, Robert C.
Warrensburg, Mo.

Elsner, Robert D.
Springfield, Ill.

Erskine, Robert H.
Springfield, Ill.

Etz, Carl E., Jr.
Overland, Mo.

Eveld, Harold
E. St. Louis, Ill.

Eyer, Willard J.
Olney, Ill.

Fahs, Donald G.
Auburn, Ill.

Fallis, Charles E.
New Rochelle, N. Y.

Fannin, Eugene R.
St. Louis, Mo.

Faulkner, William C.
Belleville, Ill.

Feltz, William R.
Overland, Mo.

Ferguson, Wallace
Clairton, Penn.

Ferguson, Warren E.
St. Louis, Mo.

Fermann, Robert D.
Baldwin, N. Y.

Ferry, Charles R.
Zeigler, Ill.

Ferry, Robert S.
Bradford, Penn.

Feucht, Ronald E.
St. Louis, Mo.

Fields, Elbert C.
St. Louis, Mo.

Fields, Ernest, Jr.
St. Louis, Mo.

Filer, Earle H.
Albion, N. Y.

Finch, Frank
Grayville, Ill.

Fischer, Richard
Trenton, N. J.

Flippo, Robert V.
Steelville, Mo.

Flynn, John D.
Lansdowne, Mo.

Forman, Hugh G.
Youngstown, O.

Fossi, Robert L.
Ridgefield, Conn.

Foster, Charles T.
E. St. Louis, Ill.

Fox, William F.
University City, Mo.

Frankenberg, F. J.
St. Charles, Mo.

Franklin, Robert O.
Normandy, Mo.

Franks, Arthur L.
Rolla, Mo.

Frazier, Richard M.
Oak Park, Ill.

Freeman, David J.
West Plains, Mo.

Freeman, Joseph E.
Rolla, Mo.

Freuler, Paul A.
Webster Groves, Mo.

Frisella, John J.
St. Louis, Mo.

Funk, Harry G., Jr.
Belleville, Ill.

Futo, William R.
St. Louis, Mo.

Gabelmann, Bill L.
St. Louis, Mo.

Gaddy, Joseph H.
Newburg, Mo.

Gaines, Robert A.
Kansas City, Mo.

Gallimore, Hal G.
Evanston, Ill.

Garino, Joseph E.
Benld, Ill.

Gates, Robert W.
Rolla, Mo.

Gehrig, Dee R.
Centralia, Ill.

George, Orvin K.
Bell City, Mo.

George, R. J.
Bell City, Mo.

Gergeceff, George W.
Granite City, Ill.

Gerler, Vernon M.
Altenburg, Mo.

Giacomelli, Savino
Johnston City, Ill.

Gilbert, Jackson H.
Kirkwood, Mo.

Gilmore, J. W., Jr.
Highland, Kans.

Gimbrone, George L.
Rolla, Mo.

Glenn, David E.
Carthage, Mo.

Glenn, Donald L.
Edwardsville, Ill.

Gloriod, Paul W.
Jefferson City, Mo.

Gminski, Eugene S.
Albion, N. Y.

Gore, Arthur G.
Morris, Ill.

Gorline, Arvid W.
Rolla, Mo.

Gosen, Theodore R.
Rolla, Mo.

Graf, Ernest E.
St. Louis, Mo.

Graffagnn, R. C.
Elgin, Ill.

Graham, Alfred E.
Rolla, Mo.

Greco, Louis E.
St. Louis, Mo.

Green, Paul W.
St. Louis, Mo.

Greenberg, Aaron J.
Wichita, Kans.

Greene, Frank S.
Winfield, Ala.

Greer, Douglas P.
E. St. Louis, Ill.

Gregory, Scott H.
Skokie, Ill.

Gremmelsbacher, J. H.
St. Louis, Mo.

Grevin, Goodwill H.
Sandusky, N. Y.

Griesedieck, H. C.
Richmond Heights, Mo.

Griffin, Donald C.
Manhassett, N. Y.

Grimm, David C.
St. Louis, Mo.

Grothaus, Joseph V.
Fulton, Mo.

Gurley, Lannes L.
Bunker Hill, Ill.

Gurnea, Robert F.
Flat River, Mo.

Guth, Jack E.
St. Louis, Mo.

Haas, Kenneth J.
St. Louis, Mo.

Haas, Paul A.
Rolla, Mo.

Hackel, William K.
St. Louis, Mo.

Halcomb, Everett T.
Sedalia, Mo.

Hall, Roy E.
Rolla, Mo.

Hallemann, Joseph E.
New Haven, Mo.

Hamilton, James W.
Rolla, Mo.

Hamlin, Leonard D.
Kansas City, Mo.

Hammond, Gerald L.
Springfield, Ill.

Hammond, James Q.
West Plains, Mo.

Hampson, W. L., Jr.
Sedalia, Mo.

Harris, William M.
St. Louis, Mo.

Hart, Francis H.
Peoria, Ill.

Hart, James W.
Skidmore, Mo.

Hart, Wayne D.
Orient, Ill.

Hawkins, Raymond G.
Hayti, Mo.

Hay, Joseph L.
Rolla, Mo.

Haymes, William G.
Springfield, Mo.

Heacock, David J.
Gloversville, N. Y.

Heath, Donald L.
Rolla, Mo.

Heil, John Barton
St. Louis, Mo.

Heimberger, W. W.
Adel, Iowa

Heisler, William B.
Pinckneyville, Ill.

Hellriegel, Edgar J.
Hollis, N. Y.

Helwig, Arthur W.
Kirkwood, Mo.

Henry, E. C., Jr.
St. Louis, Mo.

Hercules, Francis P.
St. Charles, Mo.

Herley, David F.
Kansas City, Kans.

Hernan, John F.
St. Louis, Mo.

Herrmann, Thomas A.
St. Louis, Mo.

Herzberger, Carl F.
St. Louis, Mo.

Hetherington, J. L.
Avon Park, Fla.

# Sophomore Class of '48

Heying, Lewis M.
Kansas City, Mo.
Higgins, Wilton G.
Lemay, Mo.
Hinch, Victor M.
Jennings, Mo.
Hinesly, Joe M.
Overland, Mo.
Hissom, Robert C.
E. Liverpool, O.
Hixson, Claude H.
Tulsa, Okla.
Hobelman, Martin G.
St. Louis, Mo.
Hoffman, George C.
High Bridge, N. J.
Hollenbach, B. D.
Amazonia, Mo.
Hollingshead, H. A.
Springfield, Ill.
Hollingsworth, C. E.
Rolla, Mo.
Holme, Rudolph N.
Lynbrook, N. Y.
Holmes, Thomas A.
Wilmington, Mass.
Holt, Roy E.
Rolla, Mo.
Holtgrieve, B. M.
St. Louis, Mo.
Honerkamp, Donald L.
St. Charles, Mo.
Hook, Henry A.
Vienna, Ill.
Hoopes, John E.
Rolla, Mo.
Hoover, Donald L.
Dundas, Ill.
Horton, Donald W.
St. Louis, Mo.
Houghton, Clark F.
St. Louis, Mo.
Houk, Clarence G.
St. Louis, Mo.
Hovis, Floyd E.
Rivermines, Mo.
Howard, Hildon D.
St. Louis, Mo.
Howell, Bennett D.
Chicago, Ill.
Howes, George E.
Pelham Manor, N. Y.
Huber, Paul A.
Perryville, Mo.
Hudson, Albrose J.
Niagara Falls, N. Y.
Hudson, Clarence H.
Springfield, Mo.
Huffer, James O.
E. St. Louis, Ill.
Humphrey, Waldo D.
Rolla, Mo.
Hunt, Darrall C.
Brashear, Mo.
Hunt, James R.
Salem, Mo.
Hutchings, Louis E.
Morris, Ill.
Hutchison, Alden C.
Springfield, Mo.
Hyde, James C.
St. Joseph, Mo.
Hymes, Charles R.
Osage Beach, Mo.
Imus, Ben W.
Rolla, Mo.
Isbell, Clarence A.
Union City, Conn.
Iversen, Reid E.
Springfield, Ill.
Jadwick, John E.
Chicago, Ill.
Jamieson, George W.
St. Louis, Mo.
Jeffries, James M.
Rolla, Mo.
Jeffries, Norman W.
Rolla, Mo.
Jekel, Charles A.
St. Louis, Mo.
Johnson, Frank A.
Chicago, Ill.
Johnson, James L.
St. Clair, Mo.
Johnson, Malcolm G.
Albion, N. Y.
Johnson, Ray B.
Bradleyville, Mo.
Johnson, Warren H.
Schiller Park, Ill.
Johnston, H. M., Jr.
Morris, Ill.
Johnston, Ralph D.
West Plains, Mo.
Johnston, R. E., Jr.
University City, Mo.
Johnston, Robert A.
Pevely, Mo.
Jones, Albert A.
Rolla, Mo.
Jones, Paul E.
St. Louis, Mo.
Jones, Reese T.
St. Louis, Mo.
Jones, Richard G.
Lee's Summit, Mo.
Jorcke, Oliver A.
Rolla, Mo.
Joslin, Irwin L.
Springfield, Mo.
Kahre, Robert W.
St. Louis, Mo.
Kallbrier, Joseph E.
Rolla, Mo.
Kapernaros, E. L.
Lowell, Mass.
Karr, Ralph J.
St. Louis, Mo.
Kauffman, Edward E.
Princeton, Mo.
Kehr, Edwin A.
Bunker Hill, Ill.
Keil, Edward W.
Richmond Heights, Mo.
Kelley, George H.
Essex, Mass.
Kelly, Peter B.
Princeton, Mo.
Kennedy, J. C.
Poplar Bluff, Mo.
Kieffer, William J.
Maplewood, Mo.
Kinder, David C.
Carlyle, Ill.
King, Alvin G.
Granite, Ill.
Kingsborough, D. G.
N. Kansas City, Mo.
Kinkhorst, D. L.
Kirkwood, Mo.
Kinsey, Guy E.
Safe, Mo.
Kirchhoefer, A. F.
St. Louis, Mo.
Kirk, William W.
University City, Mo.
Klaber, George B.
St. Louis, Mo.
Klaus, Irving
New Brunswick, N. J.
Klemme, Alfred T.
St. Louis, Mo.
Kleyboecker, W. H.
St. Louis, Mo.
Knappert, John W.
Chicago, Ill.
Knauer, Robert T.
St. Louis, Mo.
Knepper, Andrew K.
Fair Grove, Mo.
Knight, George L.
Clayton, Mo.
Knoernschild, R. J.
St. Charles, Mo.
Knowles, Carl M.
Springfield, Mo.
Knueppel, Ronald L.
Affton, Mo.
Koch, Jack N.
Clayton, Mo.
Koenig, Wesley B.
New Athens, Ill.
Kolkhorst, Harry W.
St. Louis, Mo.

THIRD ROW: Wade, Wissel, Gregory, Ferguson, Stark, Stephenson, Toth, Laubach, Theerman, Spackler, Houk, Wittman, Fann, Haas. SECOND ROW: Helwig, Stanhope, Cunningham, Glenn, Hart, Gurnea, Kronsberg, Hallemann, Kieffer, Mace, Mitchell. FIRST ROW: Knauer, Koch, Griesedieck, White, Futo, Mabie, McGowan, Hackel, Bachman, Bruer, Deeken, Wisch.

# Sophomores

FIFTH ROW: Smart, Silver. FOURTH ROW: Smith, Krause, Plunkett, Strong, Ransom, Ellis, Payne, Davidson, Jefferies, Huffer, Patrick. THIRD ROW: Decker, Day, Duncan, Worseck, Kinder, Hernan, Lewedag, Dillender, Ruenheck, Witzl. SECOND ROW: Van Stavern, Etz, Schwab, Weinstein, Palubiak, Swartz, Kirk, Wilson, Barnes, Frankenberg. FIRST ROW: Arman, Florian, Yeldizi, Passarell, Tolgay, Aldag, Acheson, Chapman, Holme, Greco, Herrmann, Duerr.

Koppel, Peter J.
Villa Park, Ill.

Kottwitz, Wayne E.
Nokomis, Ill.

Kewalski, Thomas A.
Richmond Heights, Mo.

Krafft, William B.
Overland, Mo.

Kraus, Karl L.
University City, Mo.

Krause, Arthur M.
Albany, N. Y.

Krautschneider, K. L.
St. Louis, Mo.

Krawets, Joseph S.
St. Louis, Mo.

Kreitzman, Donald O.
Gary, Ind.

Kronsberg, Francis N.
St. Louis, Mo.

Kruse, Arthur O.
St. Louis, Mo.

Kuebrich, Herbert P.
Dunkirk, N. Y.

Kuhlman, Ennis A.
Concordia, Mo.

Kunz, Charles O.
St. Louis, Mo.

Kwadas, Edward J.
Edgarville, Ill.

Kyburz, Edward P.
Hempstead, N. Y.

Lancaster, Edgar M.
Jefferson City, Mo.

Lange, Robert C.
St. Louis, Mo.

Lanham, Thomas G.
St. Joseph, Mo.

Lansford, Raymond E.
Belle, Mo.

Lavery, Frederick G.
Rolla, Mo.

Lawrence, Edwin F.
Rolla, Mo.

Lay, George R.
St. Louis, Mo.

Leach, Willard E.
Ellsimore, Mo.

Lammon, George L.
Ferguson, Mo.

Lemons, Charles F.
Birch Tree, Mo.

Leonard, Robert H.
Carbondale, Ill.

Levy, David R.
St. Louis, Mo.

Lewedag, Robert J.
St. Louis, Mo.

Lichius, Kenneth W.
Chesterfield, Mo.

Lidster, William A.
Alton, Ill.

Liebsch, Jack A.
Wellston, Mo.

Loach, James A.
New Kinsington, Pa.

Lodwick, Llewelyn N.
Columbiana, Ohio

Lohman, Harry C.
St. Louis, Mo.

Longolius, W. C.
Lemay, Mo.

Lowe, Gerald E.
Springfield, Mo.

Loyd, John E.
Rolla, Mo.

Lucker, Robert L.
Alton, Ill.

Lukrofka, Lovell J.
Rolla, Mo.

Lundby, William
Rochester, Minn.

Lurcott, Charles W.
St. Louis, Mo.

Luthy, Edgar M.
Lebanon, Mo.

Lynch, John F.
Freeport, N. Y.

McCarty, Harold M.
St. Louis, Mo.

McDonald, Francis J.
Brownville, N. Y.

McDonald, John E.
Osceola, Ark.

McDonald, Robert E.
Springfield, Mass.

McFadden, Hugh W.
Chicago, Ill.

McGaughey, Charles E.
Keokuk, Iowa

McGinnis, William C.
Calico Rock, Ark.

McGovern, Daniel E.
St. Louis, Mo.

McGowan, John P.
Rolla, Mo.

McGowan, Robert E.
St. Louis, Mo.

McGrath, Donald R.
Gary, Ind.

McMahan, Jack E.
Cocoa, Fla.

McNally, Robert J.
Dunkirk, N. Y.

McNamara, Thomas H.
Houston, Tex.

McNely, Warren E.
East Alton, Ill.

McNichols, John R.
St. Clair, Mo.

McNulty, Patrick J.
Springfield, Ill.

Mabie, Edward L.
Lemay, Mo.

Mabie, George W.
Lemay, Mo.

Mabrey, William L.
Rolla, Mo.

Mace, Charles E.
Jefferson City, Mo.

Macrae, Richard L.
Kansas City, Mo.

Mahoney, Charles T.
Needham, Mass.

Main, William J.
Chicago, Ill.

Mallrich, Victor E.
Valley Park, Mo.

Mann, Carl K.
St. Louis, Mo.

Marcus, Lelsie D.
St. Louis, Mo.

Marsh, Gerald E.
Yancy Mills, Mo.

# Sophomore Class of '48

Marshall, Donald W.
Gilman City, Mo.
Martin, Bert E.
Evansville, Ind.
Martin, Neil C.
Salem, Mo.
Martin, Raymond L.
Pascola, Mo.
Martin, Robert D.
Greenville, Ill.
Mason, Ernie V.
Roxana, Ill.
Massa, Charles
Edwardsville, Ill.
Masterson, Robert F.
Rosedale, Miss.
Mathews, Robert M.
Sedalia, Mo.
Mattes, Henry O.
Canton, Ohio
Matthews, Charles W.
Moline, Ill.
Mattlage, Raymond F.
Arbor Terrace, Mo.
Maxeiner, Wilbur R.
Alton Ill.
Means, Robert T.
Manchester, Mo.
Megeff, Seymour
Brooklyn, N. Y.
Megown, Guilford F.
Frankford, Mo.
Menacho, Adolfo
Miraflores, Peru
Mendell, Robert H.
Jefferson City, Mo.
Mengel, William K.
Rolla, Mo.
Menzemer, Charles L.
St. Louis, Mo.
Merkle, Robert J.
St. Louis, Mo.
Merrit, Dwight A.
St. Louis, Mo.
Merts, Athel L.
Marmaduke, Mo.
Mey, Kenneth W.
St. Louis, Mo.
Meyer, Robert L.
St. Louis, Mo.
Meyer, Roy G.
Mascoutah, Ill.
Meyers, Byron P.
Rolla, Mo.
Middleton, D. F.
Sedalia, Mo.
Midyett, C. A., Jr.
St. Louis, Mo.
Milburn, Robert E.
Kansas City, Mo.
Miller, Bruce F.
Louisville, Ky.
Miller, George P.
Conway, Ark.
Miller, James E.
Centralia, Mo.
Miller, Raymond O.
St. Louis, Mo.
Miller, William L.
Rochester, Ill.
Minshall, Jimmy H.
Joplin, Mo.
Mitchell, Porter H.
Kansas City, Mo.
Moeller, George L.
Altadena, Calif.
Monroe, William R.
Terrytown, N. Y.
Montalto, Conrad R.
Rolla, Mo.
Moreland, Omega N.
St. James, Mo.
Morse, Robert H.
E. Rochester, N. Y.
Moscker, Emil
Niagara Falls, N. Y.
Moser, Clarence J.
Brunswick, Mo.
Moyle, Randall E.
Lemay, Mo.
Murariu, Herman J.
St. Louis, Mo.
Murillo, John D.
Costa Rica
Murphy, Paul J.
Chillicothe, Mo.
Murphy, William L.
Rochester, N. Y.
Murphy, William H.
Chillicothe, Mo.
Myslinski, Frank J.
Rolla, Mo.
Nalesnyk, Daniel
Garfield, N. J.
Neer, Edgar V.
Hannibal, Mo.
Nelson, Donald E.
Cairo, Ill.
Nelson, James B.
Jonesburg, Mo.
Netzeband, W. F.
Joplin, Mo.
Neudecker, T. E.
Centralia, Ill.
Neustaedter, R. H.
St. Louis, Mo.
Nichel, Alexander J.
Elgin, Ill.
Nickens, Thomas L.
Dexter, Mo.
Nielsen, Richard E.
Chicago, Ill.
Nolan, Paul B.
St. Louis, Mo.
Norris, Marion E.
Rolla, Mo.
North, Oliver S.
Mauckport, Ind.
Nowell, Carl B.
Sikeston, Mo.
O'Connor, James W.
Springfield, Mass.
O'Dell, Harry B.
Ferguson, Mo.
Ogle, Nolan L.
Pierce City, Mo.
Oldenburg, T. J.
St. Louis, Mo.
Oliphant, John D.
Richmond, Mo.
Osborn, C. F., Jr.
St. Louis, Mo.
Owens, Robert L.
Alton, Ill.
Pace, John H.
Rolla, Mo.
Packheiser, F. Q.
Vichy, Mo.
Paddock, Byron J.
Hillsboro, Ill.
Palubiak, Charles
St. Louis, Mo.
Pankers, Robert E.
Webster Groves, Mo.
Park, Henry D.
Jamesport, Mo.
Parker, Philip L.
St. Louis, Mo.
Parker, R. C.
East Alton, Ill.
Parkinson, W. D.
Rolla, Mo.
Parks, John W.
Jennings, Mo.
Passarelli, W. F.
Albion, N. Y.
Patrick, Donald J.
Springfield, Mo.
Paulsell, Robert E.
Rolla, Mo.
Paulsell, W. G.
Olney, Ill.
Pavlakes, John M.
St. Louis, Mo.
Payne, Grover C.
Whittington, Ill.
Payne, Murel L.
Springfield, Mo.
Payne, Warren E.
Springfield, Mo.
Peel, F. W., Jr.
Caruthersville, Mo.
Pendracky, Walter J.
Edwardsville, Ill.
Perino, Pete R.
Benld, Ill.
Peterson, Donald W.
St. Louis, Mo.
Peterson, Eugene F.
Schenectady, N. Y.
Petska, Albert M.
Marceline, Mo.
Pfitzer, John R.
Mexico, Mo.
Phillips, Harvey I.
Shrewsbury, Mo.
Phillips, James A.
Springfield, Ill.
Plunkett, Dale A.
Dixon, Mo.
Plunkett, Frank A.
Harrison, N. Y.
Porter, Robert C.
Rolla, Mo.
Potts, James E.
Carthage, Mo.
Powers, Lee W.
St. Louis, Mo.
Prater, Robert R.
Springfield, Ill.
Prosise, Robert R.
Centralia, Ill.
Radford, Clarence E.
Springfield, Ill.
Ransom, Garland G.
Renault, Ill.
Rees, George A.
Downers Grove, Ill.
Rekate, Gilbert J.
Overland, Mo.
Remacle, Robert J.
Centralia, Ill.
Remmert, William E.
Webster Groves, Mo.
Renner, Linus J.
St. Louis, Mo.
Rentko, Robert J.
Philadelphia, Pa.
Resnik, Anthony V.
Poplar Bluff, Mo.
Ricketts, William F.
Birmingham, Ala.
Rieder, Charles H.
Chicago, Ill.
Ries, Francis W.
Effingham, Ill.
Riggs, Robert C.
Springfield, Mo.
Ring, Jack Alton
Noble, Ill.
Riviello, Sal
Brooklyn, N. Y.
Roach, Kenneth C.
Newburg, Mo.
Rober, Donald L.
Webster Groves, Mo.
Robinson, Forrest G.
Edwardsville, Ill.

*The free coke ritual.*

# Sophomore Class of '48

Robinson, Gene F.
Brookfield, Mo.

Roenfeldt, Harold R.
St. Louis, Mo.

Roller, Joe C.
Pulaski, Tenn.

Roller, Raymond F.
Rolla, Mo.

Roloff, Emil A.
Iseline, N. J.

Romanc, Frank J.
Paterson, N. J.

Roth, Donald K.
Albany, N. Y.

Rousseau, James C.
Birmingham, Ala.

Rucker, Charles O.
Sedalia, Mo.

Ruenheck, Raymond T.
St. Louis, Mo.

Ruprecht, William J.
St. Louis, Mo.

Ryan, Joseph L.
Chicago, Ill.

Sabo, Eugene L.
Rolla, Mo.

Sabo, Virginia F.
Rolla, Mo.

Sakonyi, John J.
Orient, Ill.

Salomo, W. E., Jr.
St. Louis, Mo.

Salvaggi, John R.
Lockport, N. Y.

Sanders, Cloice R.
St. Louis, Mo.

Sanderson, Earl D.
Oak Park, Ill.

Sayre, Lawrence E.
Maplewood, Mo.

Scales, Stanley R.
Middletown, N. Y.

Schaefer, Marianne
Affton, Mo.

Schmidt, Robert N.
Warrensburg, Mo.

Schmidt, Vernon E. P.
St. Louis, Mo.

Schnaedelbach G.
Webster Groves, Mo.

Schnieder, Eugene T.
Carlyle, Ill.

Schowengerdt, E. E.
University City, Mo.

Schuenemeyer, I. L.
Union, Mo.

Schwab, Richard E.
Overland, Mo.

Schwartz, Lee K.
Clayton, Mo.

Scott, Keith E.
River Mines, Mo.

Sculley, Joseph R.
East St. Louis, Ill.

Seals, Wesley H.
Edwardsville, Ill.

Seay, Edward A.
Independence, Mo.

See, Bryan G.
Rolla, Mo.

Seitz, Warren G.
St. Louis, Mo.

Serafini, Edwin M.
Jasper, Mo.

Settgas, Robert C.
Woodhaven, N. Y.

Shaffer, Leslie K.
Rolla, Mo.

Shaffer, Robert B.
St. James, Mo.

Sheeley, H. A., Jr.
Warrenton, Mo.

Shelton, Gerald C.
Brunswick, Mo.

Shepard, William M.
Upper Montclair, N. J.

Shipman, Glenn A.
Joplin, Mo.

*Men of tomorrow.*

Sieckman, Eugene H.
St. Louis, Mo.

Silver, Milton M.
St. Louis, Mo.

Silver, Sidney
Portland, Maine

Simmons, Wilbur L.
Quincy, Ill.

Simpson, Richard N.
Rolla, Mo.

Sims, Dale E.
Zeigler, Ill.

Sinz, E. M., Jr.
St. Louis, Mo.

Skedzeleski, K. A.
Camden, N. J.

Skinner, Milton R.
Springfield, Ill.

Slover, Edwin E.
Hurley, New Mexico

Smart, Richard J.
Webster Groves, Mo.

Smith, George R.
St. Louis, Mo.

Smith, Glen Alan
Carthage, Mo.

Smith, Leon W.
Kirkwood, Mo.

Smith, Marvin E.
St. Louis, Mo.

Smith, Robert E.
McLeansboro, Ill.

Spanier, Lawrence A.
Brooklyn, N. Y.

Spencer, William A.
St. Louis, Mo.

Spotts, John Hugh
Senath, Mo.

Stacks, Gerald G.
Crawfordsville, Ark.

Stanhope, Richard D.
St. Louis, Mo.

Stark, Richard F.
St. Louis, Mo.

Starke, Robert E.
Springfield, Ill.

Steele, Eugene W.
Elizabeth, N. J.

Steele, George R.
West Plains, Mo.

Stegemeier, R. J.
Wood River, Ill.

Stein, Herman W.
Cuba, Mo.

Stein, William E.
Affton, Mo.

Steiner, Robert H.
St. Louis, Mo.

Steinmeyer, G. H.
St. Louis, Mo.

Stephens, John F.
Richmond Heights, Mo.

Stephenson, W. B.
St. Louis, Mo.

Steuterman, Jack A.
Richmond Heights, Mo.

Stevens, Billy
Sullivan, Mo.

Stevens, Dale F.
Rolla, Mo.

Stifel, Eugene F.
Alton, Ill.

Stone, Marshall H.
St. Louis, Mo.

Strassner, S. H.
Maplewood, Mo.

Straughan, Donald E.
Farmington, Mo.

Strong, John Frank
Springfield, Mo.

Swartz, Stanley A.
Detroit, Mich.

Swoboda, Richard G.
Washington, Mo.

Sydnor, John J.
St. Louis, Mo.

Tarnow, Robert C.
Kansas, Ill.

Tate, David E.
Tennessee

Tatosian, Vanagan
Granite City, Ill.

Taylor, Donald J.
Kirkwood, Mo.

Teagarden, Dwight M.
Iantha, Mo.

Tennill, Jack R.
Rolla, Mo.

Terry, Randolph M.
Overland, Mo.

Teschner, John L.
St. Louis, Mo.

Thomas, Robert L.
Independence, Kans.

Thompson, Owen E.
Amity, Mo.

Thompson, Robert W.
Rolla, Mo.

Thrall, Everett W.
Lawrenceville, Ill.

Tibbs, Harold E.
Rutledge, Mo.

Tillman, Edward R.
St. Louis, Mo.

Timlin, James B.
St. Louis, Mo.

Tolgay, Mitat Y.
Turkey

Tone, Donald
Easton, Penn.

Torres-Calderon, H.
Lima, Peru

Toth, Vincent V.
Bonne Terre, Mo.

Townsend, Robert J.
St. Louis, Mo.

Tuegel, Arthur E.
St. Louis, Mo.

Tunnicliff, C. J.
St. Louis, Mo.

Turner, Charles V.
St. Louis, Mo.

Underwood, C. B.
Fredericktown, Mo.

Unsell, Vester B.
Frankford, Mo.

Uthoff, Robert F.
Joliet, Ill.

Vaccaro, Charles S.
Crystal City, Mo.

Van Epps, C. A.
Rolla, Mo.

Vaniman, Norman A.
Girard, Ill.

Van Lieu, J. A.
Rolla, Mo.

Van Stavern, E. C.
Rolla, Mo.

Vaporean, Paul O.
Rolla, Mo.

Verive, Dominic A.
Melrose Park, Ill.

Voiles, Cletus F.
Carrollton, Ill.

Vonder Brugge, L. E.
Affton, Mo.

Wade, Hugh Joseph
Rolla, Mo.

Wagner, Bernard C.
University City, Mo.

# Sophomores

FOURTH ROW: Dampf, Ferry, Straughan, Coffman, Lanham, Rolaff, Fahs, Brown, Salomo. THIRD ROW: Ries, Radfaied, Starke, Haymes, Lemmon, Worrall, Vonder Bruegge, Skinner. SECOND ROW: Schlingman, Nalesnyk, Tibbs, Teschner, King, Kallbrier, Vaniman, Erskine, Zerweck. FIRST ROW: Mitchell, McFadalin, Gates, Jadwich, R. Becker, F. Becker, Knauffman, Murariu, Brooks, Milburn, Hovis.

Walker, John A.
Kansas City, Mo.

Walpert, Kenneth D.
Monett, Mo.

Warren, Eugene W.
Mill Spring, Mo.

Wassilak, Erwin J.
St. Louis, Mo.

Wassilak, Raymond F.
St. Louis, Mo.

Watson, Eugene P.
St. Louis, Mo.

Webster, James P.
Rego Park, N. Y.

Webster, Royal S.
Habana, Cuba

Wees, F. E., Jr.
Omaha, Nebr.

Wegner, Glenn Roy
Chicago, Ill.

Wehmeier, Lee Moin
St. James, Mo.

Wehrenberg, John P.
Springfield, Ill.

Weingaertner, J. W.
St. Louis, Mo.

Weinstein, William
Brooklyn, N. Y.

Welsh, Ruel H.
West Plains, Mo.

Welton, Tom
Sterling, Ill.

Wenzell, Robert P.
Jennings, Mo.

Westermeier, T. F.
St. Charles, Mo.

Westlake, L. E., Jr.
St. Louis, Mo.

Whisler, Toy C.
Normandy, Mo.

White, Frank E.
Chicago, Ill.

White, Thomas W.
Brentwood, Mo.

Whitmer, Robert D.
Madisonville, Ky.

Whitney, Richard D.
Roodhouse, Ill.

Wiley, Raymond C.
Silver Springs, Md.

Wilkins, W. W., Jr.
Rolla, Mo.

Wilkinson, Norman L.
Kansas City, Mo.

Wilks, Robert W.
Caruthersville, Mo.

Williams, Alden D.
St. Louis, Mo.

Williams, John C.
Rolla, Mo.

Williams, Johnnie E.
Rolla, Mo.

Williams, Norman
St. Louis, Mo.

Willis, Judson M.
Dexter, Mo.

Wilson, Anthony E.
Webster Groves, Mo.

Wilson, Glenn E.
Jackson, Mo.

Wilson, Robert E.
St. Louis, Mo.

Wilson, William J.
St. Louis, Mo.

Wilsonholme, J. T.
Webster Groves, Mo.

Winchester, Rillie J.
Clay City, Ill.

Winters, William J.
Rolla, Mo.

Wipke, Walter J.
Kirkwood, Mo.

Wisch, William L.
Jefferson City, Mo.

Wissel, Charles K.
Kansas City, Mo.

Wittman, Robert E.
Sedalia, Mo.

Witzel, Donald J.
St. Louis, Mo.

Wolchek, William E.
Walnut Grove, Mo.

Wolff, Oliver U.
Washington, Mo.

Wolfram, Ralph E.
St. Louis, Mo.

Wong, Hong
New York, N. Y.

Wood, C. H., Jr.
Webster Groves, Mo.

Wood, Dustin J.
St. Louis, Mo.

Wood, John Henry
St. James, Mo.

Wood, Robert C.
Leasburg, Mo.

Woodson, Ralph B.
Alton, Ill.

Workman, William F.
Parsons, Kans.

Worrall, John W.
Naples, Ill.

Worseck, Robert L.
St. Louis, Mo.

Wortman, Jean C.
St. Louis, Mo.

Wright, Harold R.
Jacksonville, Mo.

Wunnenberg, Donald A.
Overland, Mo.

Yanevich, Krum
St. Louis, Mo.

Yeager, James C.
Olney, Ill.

Yildiz, Musa
Kars, Turkey

Yodice, Arnaldo
Argentina

Zane, Robert I.
Kansas City, Kans.

Zeitz, Edward J.
Cleveland, Ohio

Zeller, Kenneth C.
St. Louis, Mo.

Zerweck, Carl E.
Lemay, Mo.

# Freshmen

## FRESHMAN CLASS OFFICERS

President.....R. E. Anderson
Vice-President.....Don Mady
Secretary.....Jean Ravenscroft
Treasurer.....Sam Malone

## FRESHMEN ENTERING IN FEBRUARY

Austin, Robert Earl
Fredonia, N. Y.
Balducci, Lambert L.
Richmond Heights, Mo.
Bane, Curtis Grant
Longford, Kan.
Barron, Osmond Martin, Jr.
St. Louis, Mo.
Bauer, Richard H.
St. Louis, Mo.
Beauchamp, Jack A.
Kansas City, Mo.
Becker, Deane Rodney
St. Louis, Mo.
Bouska, William Matthais
Carrollton, Ill.
Broden, Bernard William
Nashville, Tenn.
Brooks, James Rush
Birmingham, Ala.
Bryant, Richardson Gene
Joplin, Mo.
Carpenter Aileigh Darrell
Steelville, Mo.
Cawthorne, Edward William
Greentree, Pa.
Charneski, Albin B. A.
Brooklyn, N. Y.
Bolton, Charles O.
Ottawa, Ill.
Drummond, F. M.
Rolla, Mo.
Estep, Chester C.
Mountain Grove, Mo.
Packheiser, E. D.
Vichy, Mo.
Cole, Allan Arthur
Orange, N. J.
Grismen, Kenneth Wayne
Eldon, Mo.
Davis, Thomas Edwin
Ridgway, Ill.
Degan, James Jerome
Gary, Ind.
Dreyer, Donald Frederick
Webster Groves, Mo.
Druss, Raymond
St. Louis, Mo.
Dulberg, Irving
New York, N. Y.
Edmeston, Maynard Murray
Rochester, N. Y.
Eichenberger, Thomas Leon
Herculaneum, Mo.
Elbaum, Jerome Kenneth
Glen Cove, N. Y.
Eldridge, Howard Baird
Webster Groves, Mo.
Enk, John William
St. Louis, Mo.
Ficken, James Herman
St. Louis, Mo.
Fitzpatrick, James John
Arsonia, Conn.
Flore, Robert Ervin
St. Louis, Mo.
Foster, James William
Bell City, Mo.
Fracchia, Mario Joseph
University City, Mo.
Gardner, John Edward, Jr.
Chicago, Ill.
Grehn, William Edward
Gillespie, Ill.
Gunter, Charles Eugene
St. James, Mo.
Hall, Robert William
Hannibal, Mo.
Holcomb, Lester Wilburn
Sparta, Ill.
Holtfrieve, Wilbert
St. Charles, Mo.
Huey, Don Rappelye
Fulton, Mo.
Johnson, Robert Willard
Richmond Heights, Mo.
Jost, Edward Norman
St. Louis, Mo.
Justus, Richard Frederick
St. Louis, Mo.
Khamashta, George Mitri
Beit Jala, Palestine
Kibler, Dewey Edward
St. Louis, Mo.
Kimble, Charles Marvin
St. Louis, Mo.
Klemstine, David Harold
New Paris, Pa.

## FRESHMEN ENTERING IN FEBRUARY

Kirchoefer, Oliver Melvin
St. Louis, Mo.
Land, Robert Lee
Granite City, Ill.
Lang, Ervin Jacob
St. Louis, Mo.
Leathwood, Carl Lowell, Jr.
St. Louis, Mo.
Lus, Louis M.
Dallas, Tex.
McCormack, Donald Charles
St. Louis, Mo.
Maskey, Melvin William
Clarksville, Mo.
Martin, Lewis Chesley
Darnell, La.
Matthews, Lyle Dale
Nebo, Mo.
Mertens, Howard R.
Brooklyn, N. Y.
Meskan, David Albert
Chicago, Ill.
Oberschelp, William Fred
St. Louis, Mo.
Rutledge, James Vernon
St. Louis, Mo.
Sanders, Eugene Fred
Webster Groves, Mo.
Scholas, William W., Jr.
Granby, Mo.
Shahin, Philip Habib
Beit Jala, Palestine
Thuerkoff, Robert Lee
Edwardsville, Ill.
Traversone, Frank John
Trew, Robert Omer
University City, Mo.
Via, Kenneth B.
Jacksonville, Mo.
Weiss, Jack Giles
St. Louis, Mo.
William, Chester LeRoy
Birch Tree, Mo.
Wolf, Jack Day
Queen Shadis, W. Va.
Woodlock, Leon Francis
Sausalita, Calif.
Yorston, Howard Joseph
Astoria, N. Y.
Zvanut, William Henry
St. Louis, Mo.

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Abu, Dabbuseh, H. A.
Jaffa, Palestine
Acer, Brayton
Kenmore, N. Y.
Ackfeld, Virgil F.
Freeburg, Mo.
Adair, Thomas H.
Webster Groves, Mo.
Agron, Albert M.
Kansas City, Mo.
Akers, Isaac L.
Webster Groves, Mo.
Allen, Thomas W.
Rolla, Mo.
Anderhub, Anthony P.
St. Louis, Mo.
Anderson, Roland E.
Kenmore, N. Y.
Arterberry, R. L.
Alton, Ill.
Audsley, Glenn L.
DeWitt, Mo.
Autorina, Joseph V.
New Rochelle, N. Y.
Bailey, Frank E.
Moberly, Mo.
Baker, Ralph E.
Pacific, Mo.
Ballew, James E.
El Dorado, Kans.
Banghart, Roger C.
Kansas City, Mo.
Barker, William G.
Normandy, Mo.
Barrow, Robert B.
Rochester, N. Y.
Bartel, John G.
Creve Coeur, Mo.
Batisto, Richard
St. Louis, Mo.
Beets, Raymond W.
Paola, Kans.
Beffa, Daniel A.
Normandy, Mo.
Behm, John W.
Overland, Mo.
Bender, Gerald H.
St. Louis, Mo.
Bender, Robert L.
Lemay, Mo.
Bennett, Billy E.
Rolla, Mo.
Berger, Charles A.
Affton, Mo.
Berkey, Vernon G.
Friedens, Penn.
Berley, Joseph P.
E. St. Louis, Ill.
Berry, Edward A., Jr.
St. Louis, Mo.
Beumer, Wilfred L.
Mexico, Mo.
Bilger, George W.
St. Louis, Mo.
Billard, Robert A.
La Salle, Ill.
Bird, David C.
Miraflores, Peru.
Blank, James S.
Greensburg, Penn.
Blendermann, Gene R.
Bloomfield, N. J.
Blessing, Paul A.
St. Charles, Mo.
Blind, James P.
St. Louis, Mo.
Boehme, Richard D.
Glen Rock, N. J.
Boerma, Richard H.
Pensacola, Fla.
Bohl, Lester H.
Harrison, N. Y.
Bolanovich, M. P.
St. Louis, Mo.
Bond, Harry, Jr.
Poplar Bluff, Mo.
Bookey, Jack H.
Brooklyn, N. Y.
Borgerding, J.. H.
Marthasville, Mo.
Born, Gerald F.
Maplewood, Mo.
Borresen, John K.
Normandy, Mo.
Boscia, Frank J.
Rolla, Mo.
Bossert, Donald L.
Kansas City, Mo.
Bosso, Louis A.
St. Louis, Mo.
Bourchier, T. G.
Maplewood, Mo.
Bowker, Earl R.
Aurora, Ill.
Brakensiek, W. E.
St. Louis, Mo.
Brown, Donald R.
St. Louis, Mo.

# Freshman Class of '48

Brown, Emmett S., Jr.
St. Louis, Mo.
Brown, Thomas L.
Carthage, Mo.
Browne, T. C., Jr.
Bergenfield, N. J.
Bruce, George A.
St. Louis, Mo.
Bruner, Maurice M.
Carthage, Mo.
Brunkhorst, Earl R.
Overland, Mo.
Bryant, James R.
Florence, Ala.
Buckey, Jack M.
Rolla, Mo.
Buettner, Melvin A.
St. Charles, Mo.
Bullock, Richard L.
Houston, Mo.
Burch, William D.
Jerseyville, Ill.
Burd, Wayne D.
Overland, Mo.
Burgess, Gillum E.
Collinsville, Ill.
Burke, Robert F.
St. Louis, Mo.
Bushko, Joseph C
St. Charles, Mo.
Bushman, Jordon F.
St. Joseph, Mo.
Campbell, Kenneth E.
Aurora, Mo.
Campbell, Russell B.
Flemington, Mo.
Campbell, William S.
Rolla, Mo.
Cantwell, Lyle E.
Attica, Kansas
Cardetti, Leo M.
Rosati, Mo.
Carl, Joe J.
Mt. Vernon, Mo.
Carmody, Edward T.
Webster Groves, Mo.
Carroll, Henry K.
Rutland, Vermont
Carter, Leland W.
Carthage, Mo.
Carty, James R.
Rolla, Mo.
Castro, Dudley L.
Abbeville, La.
Chaffee, Jack R.
Chateaugay, N. Y.
Cherry, Joel L.
Springfield, Mo.
Chille, Ralph A.
Niagara Falls, N. Y.
Choate, Lauren W.
Oakfield, N. Y.
Christiansen, R. L.
Oak Park, Ill.
Church, Charles H.
Lecoma, Mo.
Cochran, F. D.
Grandview, Mo.
Cohn, Robert A.
St. Louis, Mo.
Cohn, William A.
St. Louis, Mo.
Collins, Robert E.
Rotherford, N. J.
Commerford, G. E.
Crystal City, Mo.
Coombe, James W.
Little Rock, Ark.
Cooper, James J.
Webster Groves, Mo.
Corigliano, D. J.
New Rochelle, N. Y.
Corn, James W.
Cameron, Mo.
Cosper, Owen E.
St. Louis, Mo.
Cotten, Merrill R.
Eldon, Mo.
Courtwright, W. A.
St. Louis, Mo.
Cowan, Harry D.
White Plains, N. Y.
Cowan, Robert W.
West Plains, Mo.
Cox, Jack H.
Weatherford, Texas
Cramer, James A.
N. Tonawanda, N. Y.
Crow, Ross F.
Licking, Mo.
Crowell, Gilbert L.
Buffalo, N. Y.
Crowson, Forrest D.
Versailles, Mo.
Crull, John L., Jr.
St. Louis, Mo.
Cunningham, John W.
Rolla, Mo.
Dallam, W. H., Jr.
Kirkwood, Mo.
Daniels, Ted
Webster Groves, Mo.
Dasenbrock, A. A.
Effingham, Ill.
Davis, Gedale D.
St. Louis, Mo.
Day, George P.
Rolla, Mo.
Deeken, Elmer H.
Jefferson City, Mo.
Deen, Jerry B.
Altamont, Ill.
Deghuee, John F.
Glendale, Mo.
Delis, Efrain
Puerto Rico
De Lurgio, Frank
Creve Coeur, Mo.
Depew, Walter
Des Moines, Ia.
Dermody, Robert N.
Mexico, Mo.
Dickinson, Daniel R.
Richland, Mo.
Dieckgrafe, R. E.
St. Louis, Mo.
DiLorenzo, John
Buffalo, N. Y.
DiMeo, Frank
Philadelphia, Pa.
Diringer, Smith D.
St. Louis, Mo.
Donaldson, George R.
McLeansboro, Ill.
Doria, Sante J.
Hawthorne, N. J.
Dowling, Donald J.
Ladue, Mo.
Dowling, Neal S.
St. Louis, Mo.
Dreste, Harry F.
Kirkwood, Mo.
Dunkin, James R.
St. Louis, Mo.
Dunn, Charles E.
Valley Park, Mo.
Dyer, Frank W.
Lebanon, Mo.
Edginton, Antony N.
Oxford, England
Ellis, Joe Theodore
St. James, Mo.
Emery, Raymond W.
Altamont, Ill.
Evans, Thomas R.
Great Britain
Fairchild, W. W.
Cranford, N. J.
Fann, Rainey W.
Vichy, Mo.
Faulkner, William H.
Rolla, Mo.
Fehring, John R.
Goshen, Ind.
Feiner, Richard E.
Kirkwood, Mo.
Fiebig, Vernon L.
Jennings, Mo.
Fine, Martin B.
Meriden, Conn.
Fink, Clyde H.
Rolla, Mo.
Finkelstein, Donald
Stanford, Conn.
Fiorita, N. R.
St. Louis, Mo.
Fischer, August J.
Hawthorne, N. J.

FOURTH ROW: Kaplan, Wilson, Dermody, Horst, Schuchardt, Reinhardt, Svejkosky, Presson, Shields, Dieckgrade, Rafalowski, Pentecost, Meyer, Ebegelhorst, Juhannesmeyer. THIRD ROW: Ross, Sonewald, Rieder, Murray, Cantwell, Johnson, Giffored, Wiseman, Rodujuez, Sobie, Reeves, Suren, Sopp, Sontag, Latino. SECOND ROW: Perry, Blendermann, Audsley, Huff, Brown, Paddock, Crow, Van Buskirk, Born, Murphy, Warner, Holland, Rampay, Harter, Wolf. FIRST ROW: Antoring, Zupan, Parrish, Mansfuld, Thomas, Malone, Zeid, Adair, Miles, McDaniel, Bossert, Deghuee, Cowan, Franklin, Jones.

# Freshmen

FIFTH ROW: R. E. Campbell, Leach, Planchan, Rejniak, Moscari, Keeser, Tochtrop, R. B. Campbell, Day, Roach. FOURTH ROW: Tupp, Trager, Ogg, Lange, Santeiria, Fine, Strunk, Maday, Koontz, Theusen, Mansbridge, Morris. THIRD ROW: Dowling, Ladd, Knobel, Jeffers, Oberholtzer, Chille, Cherry, Bushko, Castro, O. Young. SECOND ROW: O'Connell, St. Germain, Herder, Dasenbrock, Anderhug, Rice, Ward, Koederitz, Fritschen, Hollenbach, Rustenbeck, Weiss, Carroll, Cowan. FIRST ROW: Barlsar, Romo, Growell, Crowson, Schumann, Feiner, Banghart, Snyder, Losco, Cohn, Glasser, Schlingman, Sueme, Quick, R. Young, Westerman.

Fitzgibbon, Harry J.
Desoto, Mo.

Florian, Andrew M.
Orient, Ill.

Floyd, John D.
Springfield, Mo.

Fornari, Joseph M.
Yatesboro, Penn.

Franklin, Isaac B.
Butler, Mo.

Frentrop, Robert G.
Kansas City, Kans.

Frenzel, Arthur J.
St. Louis, Mo.

Freytag, Carl A.
Newark, N. J.

Friederich, G. C.
St. Louis, Mo.

Fris, Joseph P.
Orient, Ill.

Fritschen, H. A., Jr.
Jennings, Mo.

Fugate, David F.
Weaubleau, Mo.

Fulghum, Weldon F.
Rosiclare, Ill.

Gaillard, Luciano A.
Miraflores, Peru

Galavis, Rafael E.
Caracas, Venezuela

Gallagher, John A.
Kansas City, Mo.

Gallagher, Rodger E.
Rolla, Mo.

Ganley, Robert J.
Hudson, N. Y.

Gaston, Marvin C.
Godfrey, Ill.

Gates, Jeff A.
E. St. Louis, Ill.

Geidel, Harold W.
Webster Groves, Mo.

Gelfond, Alfred A.
Plainfield, N. J.

Gerlach, James J.
Waggoner, Ill.

Giacoma, F. A., Jr.
St. Louis, Mo.

Gibbs, Richard D.
Rolla, Mo.

Gifford, Harold J.
Houston, Mo.

Gillen, David Y.
Bloomington, Ill.

Gilmour, A. B., Jr.
Garden City, N. Y.

Givens, William A.
Paris, Ill.

Glasser, Saul
New York, N. Y.

Goorevich, Marion
Buffalo, N. Y.

Gould, David S.
Alton, Ill.

Graser, James A.
Rolla, Mo.

Gray, Dennis
Brocton, Ill.

Gray, Maynard Ernest
Elmhurst, Ill.

Gray, W. K., Jr.
Tulsa, Okla.

Greig, George H.
Rolla, Mo.

Grimm, Art F.
Chicago, Ill.

Gruendler, William S.
Clayton, Mo.

Gutzler, Paul J.
Jennings, Mo.

Guzzy, Frank G.
Yonkers, N. Y.

Hackbarth, R. O.
Plantsville, Conn.

Hagan, Warren E.
Mattoon, Ill.

Haley, Charles E.
St. Louis, Mo.

Hallett, William M.
St. Louis, Mo.

Harper, Jack
Cairo, Ill.

Harrawood, Paul
Godfrey, Ill.

Harris, Edwin D.
Carthage, Mo.

Harter, Ray K.
University City, Mo.

Hauck, Charles A.
Lakewood, Ohio

Hawkins, William
Commerce, Mo.

Heirick, Vance L.
Brunswick, Mo.

Heetfield, Robert D.
St. Louis, Mo.

Heineck, Dale W.
St. Louis, Mo.

Henry, Bobby R.
Joplin, Mo.

Henson, Gerald L.
Alton, Ill.

Hentchel, Edwin J.
St. Louis, Mo.

Hercules, Hubert R.
St. Charles, Mo.

Herder, John H.
Elmhurst, Ill.

Hession, Vincent J.
Hackettstown, N. J.

Heuer, George H.
St. Louis, Mo.

Hill, Peter W.
Rego Park, N. Y.

Hiltenbrandt, E. H.
St. Louis, Mo.

Hirt, Robert P.
Schenectady, N. Y.

Hohlfelder, Eugene F.
Glencoe, Ill.

Holland, John W.
Springfield, Mass.

Hollenbach, F. J.
St. Louis, Mo.

Hollingsworth, H. M.
Fairbault, Minn.

Holtgreive, K. F.
Washington, Mo.

Holtzman, Samuel N.
Clayton, Mo.

Hornkohl, Owen T.
Rolla, Mo.

Hornung, Donald W.
Lemay, Mo.

Horst, William E.
Kirkwood, Mo.

Houska, Howard
St. Louis, Mo.

Hubbard, James R.
Mountain Grove, Mo.

Huber, Richard G.
St. Louis, Mo.

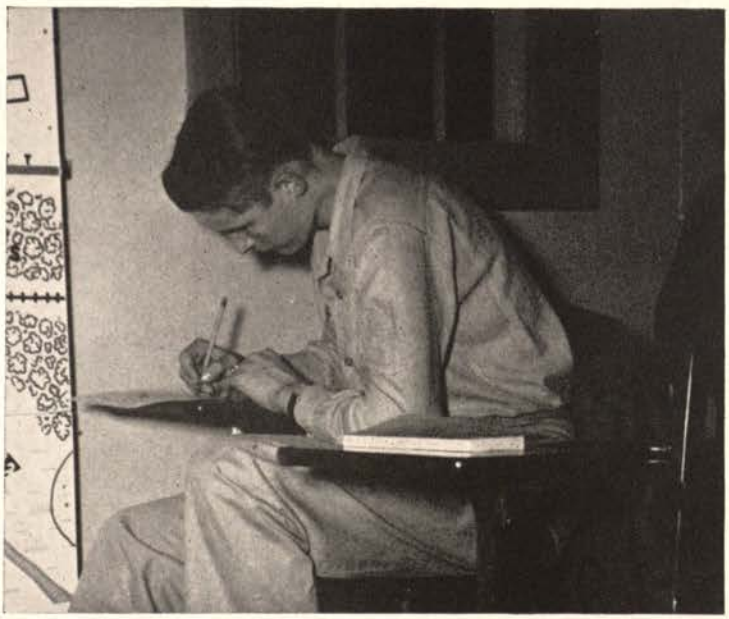
# Freshman Class of '48

Hudson, Charles L.
Clayton, Mo.
Huff, Wayne F.
St. Louis, Mo.
Hughes, Richard A.
Gillespie, Ill.
Hunt, Bradford H.
Rye, N. Y.
Hunt, Dean R.
Udell, Iowa
Huttner, David
Chicago, Ill.
Iselin, John W.
St. Louis, Mo.
Jackson, Earl E.
Vandalia, Mo.
Jamison, Robert D.
Robinson, Ill.
Jankowski, Edward J.
Nashville, Ill.
Jeffers, Phillip E.
Gardner, Ill.
Jenkins, D. H., Jr.
Pine Bluff, Ark.
Johannesmeyer, H. M.
Freeburg, Mo.
Johnson, Arthur E.
Union City, N. J.
Johnson, Gerald A.
McLeansboro, Ill.
Johnson, Junius L.
Kansas City, Mo.
Jones, Lester G.
St. Louis, Mo.
Jones, Shelvy B.
Rolla, Mo.
Jones, Stanley H.
Dixon, Mo.
Jue, Suey Lin
Brooklyn, N. Y.
Juracek, Edwin
Niobrara, Nebr.
Kaiser, Warren F. C.
St. Louis, Mo.
Kaknics, Ernest
Philadelphia, Pa.
Kanwisher, Elmer R.
Oneida, N. Y.
Kaplan, Newton H.
Albany, N. Y.
Karigan, William A.
Sedalia, Mo.
Keane, Joseph P.
New Rochelle, N. Y.
Keeney, Ireatness C.
Licking, Mo.
Keeser, Harlow M.
St. Charles, Mo.
Keil, James S.
Richmond Heights, Mo.
Keller, Wendell S.
Palmyra, Mo.
Kimball, Charles T.
Gideon, Mo.
Kime, Max D.
Jamesport, Mo.
King, Donald T.
Indianapolis, Ind.
Kinkade, Byron K.
Kirkwood, Mo.
Kipp, Alden P.
Annawan, Ill.
Kirby, John R.
Chillicothe, Mo.
Klein, Roger E., Jr.
Kirkwood, Mo.
Kline, Raymond M.
St. Louis, Mo.
Knobel, Elwood L.
Pacific, Mo.
Knueppel, Harold R.
Palmyra, Mo.
Koch, Winfred H.
St. Louis, Mo.
Koederitz, W. A.
St. Louis, Mo.
Kolb, Eugene F.
St. Charles, Mo.
Konviser, Dite
Woodridge, N. Y.
Koontz, Rollin H.
Hillsboro, Ill.
Kouns, W. D., Jr.
Normandy, Mo.
Kramer, Sanford
Albany, N. Y.
Kronmueller, R. L.
Normandy, Mo.
Kruger, John H., Jr.
Landover Hills, Md.
Kuebrich, John M.
Dunkirk, N. Y.
Ladd, Richard W.
White Plains, N. Y.
Landis, Edwin R.
Shrewsbury, Mo.
Lange, C. A., Jr.
St. Louis, Mo.
Lang, Charles R.
Webster Groves, Mo.
Langenbach, Jack E.
Arnold, Mo.
LaPetina, Leonard A.
Long Island, N. Y.
Larmon, David O.
Rolla, Mo.
Latino, Charles J.
New Rochelle, N. Y.
Lattin, Judson M.
Waukegan, Ill.
Laubach, Eugene M.
Little Rock, Ark.
Leach, Hugh V.
Molino, Mo.
Leighton, James L.
Overland, Mo.
Leroux, Gene H.
Naylor, Mo.
Leverett, V. A., Jr.
Joplin, Mo.
Lewis, James W.
Kansas City, Mo.
Lillibridge, Robin
Granite City, Ill.
Linder, Clement F.
Rhinebeck, N. Y.
Lindimore, Eldon C.
Montrose, Mo.
Linton, William C.
St. Louis, Mo.
Liveris, George
Glenbrook, Conn.
Lojewski, John H.
Schenectady, N. Y.
Longerich, Ernest P.
Mahwah, N. Y.
Losco, Alfred G.
Paterson, N. J.
Luetjen, Hulen H.
Smithton, Mo.
McCartney, Thomas F.
Kirkwood, Mo.
McClintock, Marco
New York, N. Y.
McClinton, John L.
St. Louis, Mo.
McCullough, Walter
Chanute, Kans.
McDaniel, Hulon D.
Overland, Mo.
McDermott, Arthur E.
St. Louis, Mo.
McDonald, James E.
Iberia, Mo.
McDonough, John D.
South Gate, Calif.
McEvilly, William G.
New Burgh, N. Y.
McFarland, Jack A.
Rolla, Mo.
McGarry, Thomas J.
Rochester, N. Y.
McGee, Richard L.
New Hartford, Mo.
McGillan, Cecil E.
Queen City, Mo.
McGowan, Alfred W.
Centralia, Mo.
McIntyre, Albert B.
Philadelphia, Pa.
McLuckie, Walter L.
Coal City, Ill.
McVey, J. S., Jr.
Rolla, Mo.
Mace, Bernard V.
Palace, Mo.
MacMaster, Edward
Paterson, N. J.
Maday, Donald S.
Erie, N. Y.
Madelung, Robert R.
Milford, Conn.
Mahan, Donald K.
Richmond Heights, Mo.
Mallon, Richard G.
St. Louis, Mo.
Malone, Lawrence S.
Rolla, Mo.
Maltzahn, Donald W.
Kenmore, N. Y.
Maneke, Clarence
Rolla, Mo.
Manocchio, Paul
Boonton, N. J.
Mansbridge, Gail E.
Fisk, Mo.
Mansfield, Richard
Springfield, Mo.
Marshall, David W.
Carthage, Mo.
Marshall, Melvin R.
Palmer, Ill.
Martin, Lewis C.
Wakenda, Mo.
Mason, Elmer R.
Charleston, Mo.
Mason, Woodrow H.
St. Louis, Mo.
Matson, Don D.
St. Louis, Mo.
Maurer, John E.
St. Louis, Mo.
Maxwell, John P.
St. Louis, Mo.
Meier, Robert A.
Lynbrook, N. Y.
Meiners, Don A.
St. Louis, Mo.
Mertzlufft, George
St. Louis, Mo.
Meyer, Daniel
Wellston, Mo.
Meyer, Glenn E.
St. Louis, Mo.
Meyer, Jean L.
Union, Mo.
Meyer, Milton W.
Beardstown, Ill.
Miederhoff, Anton J.
Malden, Mo.
Miles, Roy Gene
Essex, Mo.
Miller, Raymond L.
Kansas City, Mo.
Miller, William J.
Dexter, Mo.
Mills, Marvin J.
Goldsboro, N. C.
Minikin, Joseph A.
Springfield, Ill.
Mitchell, George D.
St. Louis, Mo.
Moore, Donald D.
Monterey Park, Cal.
Moore, Herbert C.
Kirkwood, Mo.
Morey, Philip G.
Soquel, Calif.
Morris, Robert J.
St. Louis, Mo.
Moscari, John
Rahway, N. Y.
Motta, Frank D.
Gardner, Ill.
Moy, Harry
New York, N. Y.
Mueller, John J.
Webster Groves, Mo.
Murphy, Thomas J.
St. Louis, Mo.
Murray, Richard W.
St. Louis, Mo.
Neal, Charles N.
Rolla, Mo.
Neidel, Roger A.
Affton, Mo.
Neiheiser, C. L.
Richmond Heights, Mo.
Niemczura, Stanley W.
Thorndike, Mass.
Nizick, Frank
St. Louis, Mo.
Noble, Lawrence C.
St. Louis, Mo.
Noonan, Arthur J.
St. Louis, Mo.
Norwood, Donald D.
Lamar, Mo.
Nunley, Glenn H.
Rolla, Mo.
Oberholtzer, K. R.
Gardner, Ill.

*Winter golf.*

# Freshman Class of '48

O'Connell, W. R.
Decatur, Ill.
Ogg, Walter T.
Towago, N. J.
O'Malley, James W.
Bergenfield, N. J.
Osetek, Edward S.
Garfield, N. J.
O'Shields, Robert L.
Union, S. C.
Paddock, Joseph E.
Hannibal, Mo.
Palmer, James H.
St. Louis, Mo.
Palmer, Robert L.
Rolla, Mo.
Parks, Irvin L.
Sedalia, Mo.
Parrish, David D.
Walnut Grove, Mo.
Penotti, Victor G.
Paterson, N. J.
Pentecost, Eldon W.
West Plains, Mo.
Perry, Bobbie Lee
Frankfort, Ill.
Perryman, Joseph E.
Assumption, Ill.
Peterson, Forest H.
Chillicothe, Mo.
Phelps, Arthur L.
Rolla, Mo.
Pinto, Juan B.
Bogota, Colombia
Planchon, Irvon
Monett, Mo.
Plass, J. W., Jr.
Hudson, N. Y.
Plummer, William B.
St. Louis, Mo.
Polito, Nathaniel A.
New Rochelle, N. Y.
Porter, John R.
Christopher, Ill.
Powell, Joe Robert
Eldon, Mo.
Presson, Bill L.
St. Louis, Mo.
Puleo, Joseph
Overland, Mo.
Quatrochi, Philip J.
New Rochelle, N. Y.
Quick, John Ray
Normandy, Mo.
Quinn, Frederic W.
St. Louis, Mo.
Rafalowski, S. A.
St. Louis, Mo.
Ramey, Robert D.
Alton, Ill.
Ramirez, Jaime
Bogota, Colombia
Ramsay, Glendon J.
Rochester, N. Y.
Rauscher, John M.
Mansfield, Penn.
Ravenscroft, Emma J.
Lees Summit, Mo.
Rebold, J. H. II
Houston, Texas
Redding, James A.
Greensburg, Penn.
Reed, Leonard B.
St. Louis, Mo.
Reeves, Ernest J.
Bloomfield, N. J.
Reinhardt, David W.
St. Louis, Mo.
Rejniak, Edward J.
Grassy, Mo.
Relph, William D.
Fredonia, Kans.
Reser, Donald E.
West Plains, Mo.
Rice, Charles A.
Kansas City, Mo.
Rice, Gene Milton
Doniphan, Mo.
Rieder, Robert J.
St. Louis, Mo.
Riedinger, Walter B.
St. Louis, Mo.
Rigdon, James D.
Festus, Mo.
Riley, John Lewis
Lemay, Mo.
Riley, Robert E.
Rolla, Mo.
Roach, Warren D.
Rolla, Mo.



*Struggling with a military quiz.*

Robotti, Richard R.
Long Island, N. Y.
Rodhouse, James E.
Mexico, Mo.
Roemerman, Richard J.
St. Louis, Mo.
Rogles, Ronald A.
St. Louis, Mo.
Romine, Charles F.
Granite City, Ill.
Romo, Ray Albert
Overland, Mo.
Roppel, H. D., Jr.
St. Louis Mo.
Ross, Richard C.
Cabool, Mo.
Rowe, Robert Dale
Savannah, Mo.
Runvik, Richard C.
Attica, N. Y.
Rustenbeck, James D.
St. Louis, Mo.
Rutz, Warren W.
Cuba, Mo.
Ryan, Bobby D.
Sedalia, Mo.
Sanders, Billie L.
Granby, Mo.
Santen, Albert
E. St. Louis, Ill.
Schafer, Donald C.
Greenport, N. Y.
Schaffner, James E.
St. Louis, Mo.
Schipano, Gerald J.
Paterson, N. J.
Schlampp, F. P., Jr.
Paterson, N. J.
Schlingman, Paul N.
St. Louis, Mo.
Schmidt, Carl
St. Louis, Mo.
Schmidt, Donald W.
Arlington, Nebr.
Schmidt, George W.
St. Louis, Mo.
Schmidt, Milton E.
Gillespie, Ill.
Schmidt, Russell L.
St. Louis, Mo.
Schmitt, Donald E.
St. Louis, Mo.
Schrader, E. Donald
St. Louis, Mo.
Schuchardt, Robert E.
St. Louis, Mo.
Schumacher, Lane B.
Kirkwood, Mo.
Schumann, Frank O.
New Rochelle, N. Y.
Scown, Roy John
E. St. Louis, Ill.
Searight, Thomas K.
Rolla, Mo.
Seay, Lemuel B.
Fisk, Mo.
Segelhorst, Raymond
Beaufort, Mo.
Senturia, Lee D.
Prescott, Ariz.
Sexton, Edward F.
St. Louis, Mo.
Shaw, Samuel
Whitinsville, Mass.
Shepherd, Alberto A.
Lima, Peru
Sherburne, Fraser W.
Lowell, Mass.
Sheridan, John J.
San Diego, Calif.
Shields, Robert W.
Webster Groves, Mo.
Shopher, Sterling D.
E. St. Louis, Ill.
Short, Wallace W.
Kirkwood, Mo.
Shourd, R. R., Jr.
E. St. Louis, Ill.
Sidener, Virgil E.
Desloge, Mo.
Siegel, Howard J.
Elizabeth, N. J.
Simmons, Edward L.
Pleasant Hill, Mo.
Singleton, Irvin D.
Carrollton, Mo.
Skaggs, Robert Lary
Centralia, Mo.
Skalka, Edward
Brooklyn, N. Y.
Smith, Donald B.
New Rochelle, N. Y.
Smith, Harry Whyte
Paterson, N. J.
Smith, Leslie Eugene
Lemay, Mo.
Smith, Robert John
St. Louis, Mo.
Smith, Robert Kyle
Kansas City, Mo.
Smith, Tom Eugene
Eureka, Mo.
Snider, Everal Lee
Rolla, Mo.
Snowden, Robert W.
St. Louis, Mo.
Snyder, John Richard
Clayton, Mo.
Sobie, Milton Anton
Oak Park, Ill.
Sonewald, George, Jr.
Bethany, W. Va.
Sontag, Jack Arthur
St. Louis, Mo.
Sopp, Richard Alfred
St. Louis, Mo.
Soriano, Charles A.
Paterson, N. J.
Spackler, Don Edward
St. Louis, Mo.
Spiller, William C.
Marion, Ill.
Spilman, James A.
Rolla, Mo.
Spindle, Harvey E.
Cabool, Mo.
Spiniello, Virgil R.
Orange, N. J.
Spring, Elbert B.
St. Louis, Mo.
St. Germanin, R. J.
Houston, Texas
Stark, Edward T.
Norton, Mass.
Statler, Clifford A.
St. Louis, Mo.
Statler, F. J., Jr.
Rolla, Mo.
Steele, Robert R.
West Plains, Mo.
Steiger, Walter G.
Hawk Point, Mo.
Steinmetz, Charles E.
St. Louis, Mo.
Stevenson, Frank B.
Potosi, Bolivia
Stewart, Robert M.
Waynesville, Mo.
Stieglitz, Val Henry
The Plains, Va.
Stinson, Robert J.
St. Louis, Mo.
Stockton, Robert J.
Woodstock, Ill.
Stowe, Allan
Brooklyn, N. Y.
Strite, Russell R.
Springfield, Mo.
Strunk, William H.
Tiskilwa, Ill.
Sueme, Robert Otto
St. Louis, Mo.
Sundholm, Arthur W.
Brooklyn, N. Y.
Suren, Robert G.
St. Louis, Mo.
Svejkosky, Alvin G.
St. Louis, Mo.
Szofran, Walter G.
House Springs, Mo.
Tankersley, James H.
Caruthersville, Mo.
Tarantola, Bruce E.
St. Louis, Mo.
Tarwater, James P.
Gallatin, Mo.
Tate, John Richard
Poplar Bluff, Mo.

# Freshmen

FOURTH ROW: Greig, Bowker, Kolb, Fitzgibbon, Fink, Gaillard, Maurer, Hughes, M. Schmidt, Smith, Commerford, Mahan, Verarde. THIRD ROW: Weaver, Gallagher, Schrader, Kaiser, Taylor, G. Schmidt, Winter, Cardetti, Noonan, Cooper. SECOND ROW: Cochran, Skaggs, Dowling, Reed, Stinson, Borresen, Fairchild, Wurtz, Theiss, Miller. FIRST ROW: McGillan, Puleo, Wilman, Thaller, Bullock, Vancil, Young, Mallon, Palmer, Strite, Hallett.

Taylor, Andrew M.
Ferguson, Mo.
Terril, Glen A.
Pleasant Hill, Mo.
Thraller, Kenneth J.
St. Louis, Mo.
Theerman, Wilbert K.
Warrenton, Mo.
Theiss, John Charles
St. Louis, Mo.
Theusen, Paul J.
Haledon, N. J.
Thill, Robert Henry
St. Louis, Mo.
Thomas, George
New Rochelle, N. Y.
Thompson, Richard A.
St. Louis, Mo.
Tibbs, Robert C.
St. Louis, Mo.
Tillewein, Henry P.
St. Louis, Mo.
Tochtrop, Joe M.
Wentzville, Mo.
Tonking, Henry H.
Dover, N. J.
Townsend, David W.
Cobden, Ill.
Trautner Halcolm C.
Schenectady, N. Y.
Tschannen, James D.
Webster Groves, Mo.
Tucker, Tillman J.
Wichita, Kans.
Tuepker, Ralph Armin
Washington, Mo.
Tulloch, Stewart B.
Rolla, Mo.
Turman, Robert E.
St. Louis, Mo.
Turner, Richard S.
St. Louis, Mo.
Ulmer, Robert Carl
Kenmore, N. Y.
Urka, Peter Francis
W. Pittston, Penn.
Van Bramer, W. G.
Hudson, N. Y.
Van Buskirk, L. F.
Adrian, Mo.
Vancil, William H.
St. Louis, Mo.
Vansant, Robert E.
Clinton, Mo.
Varner, William R.
Litchfield, Ill.
Venarde, Jack H.
St. Louis, Mo.
Vine, Florence M.
Rolla, Mo.
Vitale, D. Nicholas
Schenectady, N.Y.
Vogler, August J.
St. Louis, Mo.
Von Behren, Don W.
St. Louis, Mo.
Vose, William B.
Alton, Ill.
Wallen, Junior D.
Brownington, Mo.
Walsh, Thomas E.
Yonkers, N. Y.
Ward, David Dean
Creve Coeur, Mo.
Warner, George H.
Rosselle, N. J.
Watson, Harry Gene
Rolla, Mo.
Watts, Kenneth E.
Mattoon, Ill.
Weaver, Julian
Brooklyn, N. Y.
Weedman, Mark D.
Hot Springs, Ark.
Weiss, Jerome
Madison, Ill.
Welliver, Thomas H.
Spring Fork, Mo.
Wenneborg, W. Z.
Springfield, Ill.
Westerman, Howard W.
Wellington, Mo.
Whelan, Kenneth J.
St. Louis, Mo.
Whitmer, David R.
Overland, Mo.
Whitson Harold E.
St. Louis, Mo.
Wieldt, Elmer C.
Oakland, Calif.
Wile, Larson E.
Mont Alto, Penn.
Will, William E.
West Frankfort, Ill.
Williams, Richard C.
Rolla, Mo.
Wilman, Kenneth A.
Methuen, Mass.
Wilson, Gerald
Crane, Mo.
Wilson, Richard J.
Alton, Ill.
Wilson, William J.
Mound, Mo.
Winter, John W.
Cranford, N. J.
Winters, John F.
Macon, Mo.
Wiseman, David L.
St. Louis Mo.
Wiseman, Donald E.
Anderson, Mo.
Wohlert, William H.
Alton, Ill.
Wolf, Frederick H.
Bonne Terre, Mo.
Wolf, Robert V.
St. Louis, Mo.
Wood, James F.
Leasburg, Mo.
Wurtz, Wade Cyril
E. St. Louis, Ill.
Wycisk, Donald F.
St. Charles, Mo.
Yochum, Kenneth H.
St. Louis, Mo.
Young, George C.
St. Louis, Mo.
Young, John C.
Patchogue, N. Y.
Young, Orville C.
Farmington, Mo.
Young, Raymond L.
Alton, Ill.
Zeid, Marvin C.
Chicago, Ill.
Zeis, Albert E.
St. Louis, Mo.
Zimmerman, Donald G.
Griggsville, Ill.
Zupan, Milan J.
St. Louis, Mo.

# Graduate Students

## GRADUATE STUDENTS ENTERING IN FEBRUARY

Hagar, Bailey W.
Rolla, Mo.

Grimble, Ralph Edward
Rolla, Mo.

Hofstaeder, Gerard, Jr.
Philadelphia, Pa.

Hsiao, Chi Mei
Fonghuang, China

Padmanabhan, Subrahmaya
Madras, India

Rice, Charles Melton
Rolla, Mo.

Vine, William Arthur
Rolla, Mo.

*M.S.M.'s benefactor.*

Ackermann, Kenneth G.
Berwyn, Ill.

Armstrong, Robert J.
Rolla, Mo.

Barmeier, Robert J.
St. Louis, Mo.

Becker, Alan A.
Rego Park, N. Y.

Bothwell, John R.
Detroit, Mich.

Brand, Glenn E.
Steelville, Mo.

Breuer, Delmar W.
Rolla, Mo.

Bruzewski, Robert F.
Bay City, Mich.

Burger, John M.
Rolla, Mo.

Buttrey, John W., Jr.
Illmo, Mo.

Cappeck, John W.
Rolla, Mo.

Carmichael, Ronald L.
Rolla, Mo.

Carr, John S.
New Zealand

Chase, Eugene C.
Rolla, Mo.

Cizek, Frank J.
Rolla, Mo.

Cornwall, Richard R.
Webster Groves, Mo.

Damon, Paul E.
Rolla, Mo.

Davidson, Robert F.
Cairo, Ill.

Davis, Ralph, Jr.
Rolla, Mo.

Duba, John G.
Rolla, Mo.

Dueker, James E.
St. Louis, Mo.

Eck, Robert A.
Rolla, Mo.

Ellis, Sherman E.
Springfield, Mo.

Fahler, Raymond W.
Warrenton, Mo.

Fine, Morris M.
Rolla, Mo.

Ford, William A.
Rolla, Mo.

Funk, Campbell W.
Rolla, Mo.

Gill, C. Burroughs
Sudbury, Canada

Hames, Frederick A.
Assiniboia, Canada

Hamman, John W.
St. Louis, Mo.

Heartz, Frederick R.
Rolla, Mo.

Hellwege, William H.
Rolla, Mo.

Hentchel, Theodore P.
St. Louis, Mo.

Hershkowitz, Leon
Rolla, Mo.

Hoffman, Albert, Jr.
St. Louis, Mo.

Holland, Chester R.
Rolla, Mo.

Hughes, Randolph A.
North Bay, Canada

James, Jack A.
Rolla, Mo.

Kerr, Richard H.
Rolla, Mo.

Kimmick, Edward J.
Cleveland, Ohio

Knudsen, Christen
Borgestad, Norway

Lee, Ralph E.
Rolla, Mo.

Levy, Donald J.
Kirkwood, Mo.

McKinney, Garth G.
Grandin, Mo.

McKinnis, Charles L., Jr.
Rolla, Mo.

Mann, Horace T.
Rolla, Mo.

Mefford, Nace F.
Covington, Va.

Merritt, Glenn E.
Rolla, Mo.

Miller, Eberhard H.
St. Louis, Mo.

Min, Sze-Ewei
Soochow, China

Montgomery, Robert M.
Sikeston, Mo.

Morris, Thomas M.
Ridgefield Park, N. J.

Mueller, James I.
Rolla, Mo.

Mueller, John D.
Webster Groves, Mo.

Nackowski, Matthew P.
Rolla, Mo.

Nelson, Leonard C.
Rolla, Mo.

Nevin, Frederick E.
Rolla, Mo.

Noren, Charles
Rolla, Mo.

O'Hara, Thomas A.
New Zealand

Paul, Marjorie R.
Baltimore, Md.

Planje, Theodore J.
Rolla, Mo.

Pletz, Robert C.
Owensville, Mo.

Reynolds, James E.
Bessemer, Ala.

Rittenhouse, Joseph W.
Rolla, Mo.

Roberts, Jasper K.
Rolla, Mo.

Rudert, Kenneth E.
Cape Girardeau, Mo.

Sanders, Cynthiarose I.
Rolla, Mo.

Sarapuu, Erich
Emmaste, Estonia

Savu, August Robert
St. Louis, Mo.

Schaefer, Rodney A.
St. Charles, Mo.

Schoeneberg, Kenneth W.
St. Louis, Mo.

Schwaneke, Alfred E.
Rolla, Mo.

Scofield, Gordon L.
De Smet, N. Dakota

Sheth, Pranlal G.
Modasa, India

Sjoberg, John Wilson
Springfield, Mo.

# Graduate Students

Skitek, Gabriel G.
Rolla, Mo.

Smedsland, Tryggve
Haugesund, Norway

Speece, William Earl
Rolla, Mo.

Stauffer, Clyde M.
Phoenix, Arizona

Subramanyam, Mathuramuthoo
Mysore, South India

Terrasson, Paul L.
Paris, France

Thorpe, Clare J.
Rolla, Mo.

Thune, Howard W.
Rolla, Mo.

Valleroy, Vincent V.
St. Genevieve, Mo.

Van Nostrand, Robert G.
Rolla, Mo.

Wang, Pei
Peiping, China

Wegener, Wilbert F.
Marthasville, Mo.

Weinel, Ernst A.
East St. Louis, Ill.

Wheat, Richard D.
Springfield, Mo.

Wilks, Rayburn A.
Caruthersville, Mo.

Wilson, Lloyd H.
Rolla, Mo.

Ying, Chih Wen
Soochow, China

Young, Charles
Rolla, Mo.

Zwierzchowski, Alexander A.
Ashgrove, Mo.

Chang, Wei Kung
Sensi, China

Ackermann
Hames
Wang

Min

Carr
A. Hoffman
C. Sanders

Sheth

Ying
E. Miller
Savu

Wheat

C. Funk
Noren
Schoeneberg

Zwierzchowski

Gill
M. Paul
Smedsland

# Sports

The School of Mines has some remarkable athletes. Consider the conference-winning football squad. . . . During the season these players are in Class and Lab, like all good Miners, until four in the afternoon, but spend the hours from four until dark in rugged, bruise-producing practice. Then, rather than appeasing tired bodies by sleep they burn a Scholar's share of midnight oil. . . . Or consider the Cagers who keep up with assignments despite middle-of-the-week road trips.

But varsity athletes, like intramural enthusiasts, play the game because they like to. Among Miners, there are few kingdoms so intrigueing as the world of SPORTS.

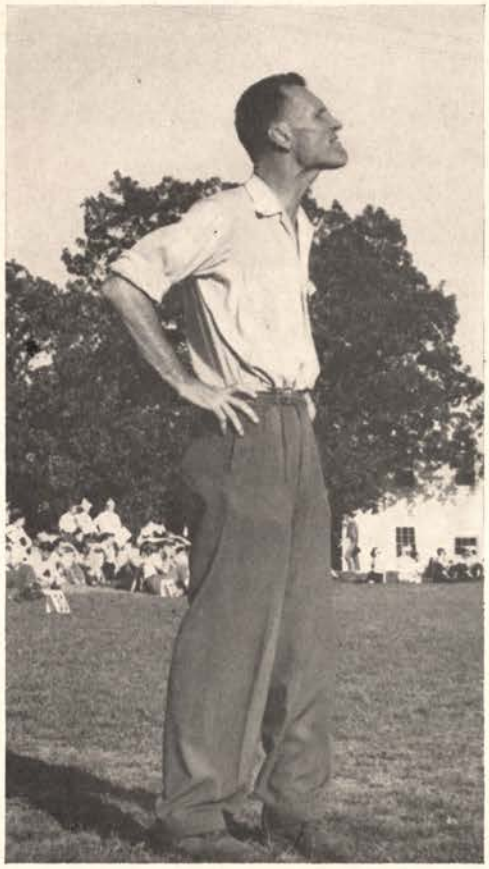
# Football

## Featuring the best eleven in the M.I.A.A.

*Stallman*

FINAL M.I.A.A. STANDING

| Team | Won | Lost | Tied | Pct. |
|---|---|---|---|---|
| Miners | 4 | 1 | 0 | .800 |
| Springfield | 3 | 1 | 1 | .667 |
| Maryville | 2 | 1 | 2 | .571 |
| Kirksville | 2 | 3 | 0 | .400 |
| Cape | 1 | 3 | 1 | .333 |
| Warrensburg | 1 | 4 | 0 | .200 |



*Coach Gale Bullman, the lantern-jawed worrier.*

*A mud-covered Neal Wood.*

The 1948 Rollamo is proud to feature the M.I.A.A. football champions of 1947. This honor is given us by Coaches Bullman, Hafeli, and Bernard and the 1947 Miner football squad. One of the greatest M.S.M. teams to take the field in years, the Miners seemed to have no weaknesses as they ran from a well-coached "T" formation, mixing ground plays with excellent passing.

Starting slowly against St. Louis U and Memphis State, the Miners began working with the great smoothness that brought them the conference crown.

Favored Maryville was the first conference foe. The game was a hard-fought, fast-moving

*McGrath drives off tackle.*

thriller with the Miners displaying more power and spirit. A fourth period touchdown by Reichelt broke the tie and spelled victory for the Engineers.

The Miners played their first home game before a record Parents' Day crowd. Kemper's passing kept the "Silver and Gold" rolling over Warrensburg. The Mules scored late in the fourth quarter to escape a shutout.

The third conference win came at the expense of Kirksville. The Bulldogs drew first blood due chiefly to Miner penalties but from there on it was all Rolla. Paul Fullop sparked the team to a 25 to 6 win.

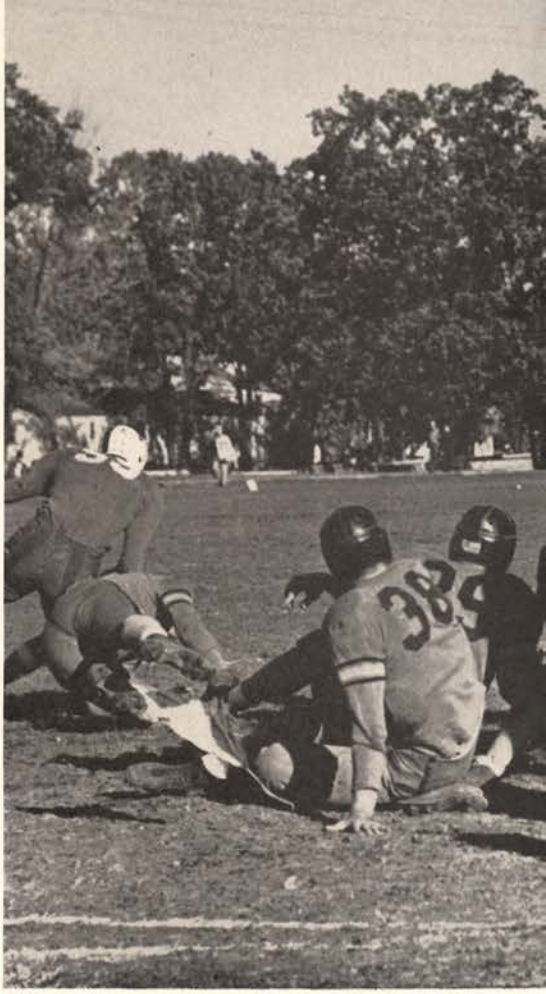
Springfield proved to be the toughest conference foe. The Miners and Bears played on even terms until late in the third quarter when Springfield climaxed a long drive with a game-winning touchdown.

The Miners plowed under Cape to win the Homecoming tilt. Old grads witnessed the best played game of the season as the first Homecoming victory was hung up by the 1947 Miners. Cape later upset Springfield.

Being undisputed champions of the M.I.A.A., an honor never before attained, the Miners can look ahead to next year with great anticipation as only nine lettermen will graduate.

THIRD ROW: Steele, Cox, Theiss, Blanke, Kwadas, Gaureke, Shourd, McGrath, Schwartz, Hoehn, Teas, Reinhardt, Dowling, Duke, Harter, Svejkowsky, Suren. SECOND ROW: Eadie, Whitney, Kemper, Fullop, McCord, Gammon, Petska, Wood, Meyer, Duerr, Roemerman, Chew, Wilson, Jones. FIRST ROW: Smith, Stallman, Volz, Cominich, Markway, Hughes, Reichelt, Schmidt, Pennotti, Davis, Eckert, Bock, Roller.

# Football



SEASON'S RESULTS

| | | | |
|---|---|---|---|
| Miners | 0 | St. Louis | 61 |
| Miners | 0 | Memphis State | 13 |
| Miners | 12 | Maryville | 6 |
| Miners | 14 | Warrensburg | 7 |
| Miners | 25 | Kirksville | 6 |
| Miners | 7 | Springfield | 14 |
| Miners | 47 | Cape | 19 |

*The St. L. line closing in on Hoehn.*

Eckert

Duerr

Kwadas

Chew
Weinel

Eadie

*Another conversion.*

*He got in the way.*

McGrath

Whitney

Markway

Dowling

Shwartz

Petska

# Conference Kings

Hoehn

BOB KEMPER—All-conference selection for the quarterback position, Bob will be back next year to co-captain the Miner team.

BILL CHEW—Bill transferred from Shurtleff College just in time to fill the right guard position on the championship Miner team.

EARL HOEHN—The broken field running of this Chemical Engineer Junior earned him a berth on the United Press all-conference team.

PAUL FULLOP—Co-captain Fullop ended his college career with the closing of this season. His great leadership and playing will always be remembered at M.S.M.

LeROY MARKWAY—LeRoy's great pass catching ability and defensive play will be sorely missed next year. He also was selected on the U. P. all-conference team.

DON DOWLING—"Breakaway" did the place kicking for the Miners. He's a freshman and was a substitute halfback.

JACK COX—"Tex" is a freshman, and showed by his play that he plans to be first string center next year.

SID DUERR—Sid played a lot of end this year and will be back for two more seasons.

MONTE McCORD—Halfback Monte's great kicking put the opposition on the defense when it counted most.

AL SHWARTZ—A senior, Al participated in the Mo.-Kan. bowl game. He played his game at the fullback position.

CAL DUKE—A substitute halfback, Cal has another year with the Miners.

GEORGE EADIE—George won his second letter at the end position. He'll be back next year.

FRED ECKERT—Another end letterman, Fred will be gunning for that starting position next year.

R. C. GAUERKE—Gauerke plugged up the important guard position.

PAUL JONES—Paul played the tackle position and will be missed next season.

ED KWADAS—Ed switched from quarterback to halfback to win his first letter at M.S.M.

Steele

Duke

Jones

Svejkosky

Cox

Teas

Reichett

Kemper

McCord

Schmidt

# Conference Kings

JIM McGRATH—Voted "most valuable" by his teammates, also best fullback in the conference, "Jarrin" Jim will spell woe for the opposition next year as he co-captains the Miner team.

HARLAN MEYER—Harlan will be another candidate for the center position next year.

AL PETSKA—Starting at the guard position, Al's all around playing earned his mention on the U. P. all-conference team.

BOB REICHELT—Bob is the right-handed member of the passing twins (Reichelt and Kemper). His alert quarterbacking helped bring the Miners through.

ART SCHMIDT—Reserve quarterback Art won his second letter at M.S.M.

ROY SHOURD—"Bear-Tracks'" aggressiveness at tackle made the Miner forward wall hard to penetrate.

RALPH STALLMAN—One of the smallest members on the squad, Ralph's steady play at center earned him this berth on the all-conference team.

AL SVEJKOSKY—One of the freshmen to letter this year, Al played the tackle position like a veteran.

BILL TEAS—Bill really held down his end on this championship eleven. Luckily, Bill will be back to help the team to more honors.

JACK THEISS—Another freshman letter winner at the guard position.

LUTHER STEELE—Injuries robbed this huge tackle of his starting berth but watch this beefer in September!

BOB VOLZ—This senior played a lot of guard to win his "M".

DICK WHITNEY—Dick was a starting halfback. His all around play brought all-conference mention.

NEAL WOOD—Co-captain Neal was the player's player. He was an unanimous choice for all-conference tackle, a position he has held twice before. M.S.M. lost a great athlete when Neal graduated this year.

BOB WEINEL—This likeable fellow won his first letter by filling the tackle spot.

Fullop

Volz

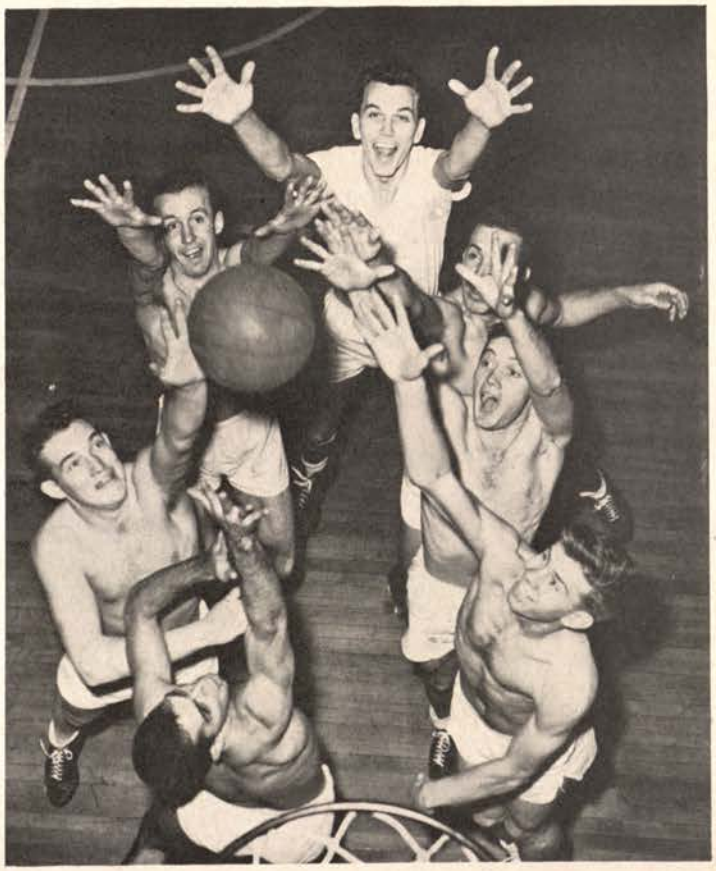
Theiss

Gauerke

Meyer

Shourd

BACK ROW: Hammond, Schmidt, Niederstadt, Perry, Watson, Hughes, Crain. SECOND ROW: Lodwick, Wohlert, Roark, Burgett, Sakonyi, Comanich. FIRST ROW: Henson, Jenkins, Perino, Baker, Voiles. Missing from picture: Breeze.

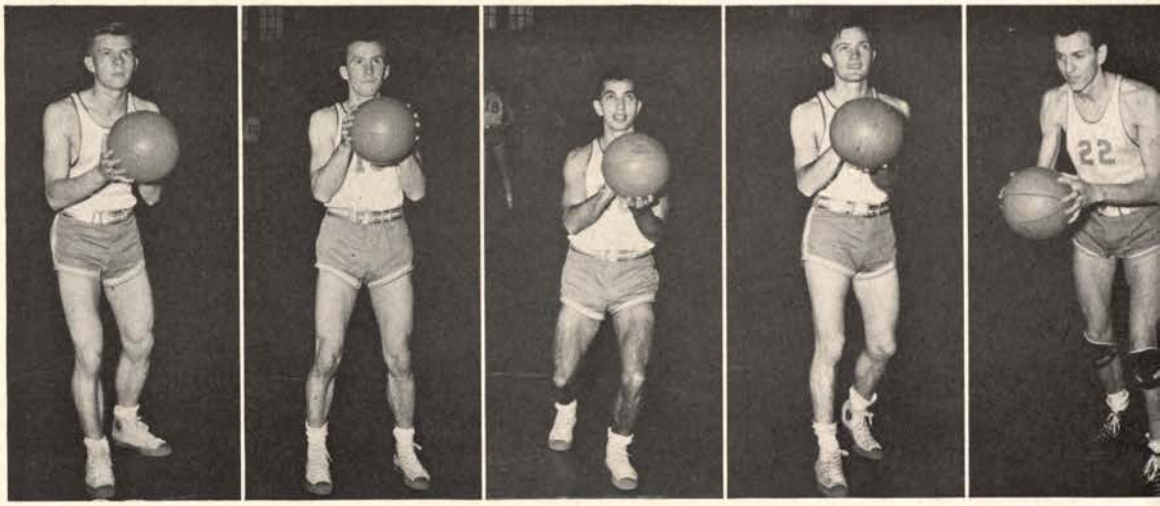


*"Big Seven."*

# Basketball

The Miner basketball team apparently caught the winning fever from other M.S.M. athletics as they finished the season with ten wins against nine losses. Coming through with a better-than-.500 record is a feat unknown to Miner quintets of the past several years. Another big achievement was the Miners' vacating the MIAA cellar position to Maryville. All the conference teams fear the Miners on their home court as shown by the fact that the three conference victories were won at home. The surroundings of Jackling Gym and the old Miner "spirit" seem to give the cagers that little extra something.

In comparison to the successful home record, it seemed that the squad just couldn't click on the road. The only victory attained on an opponent's court was over Drury. The wildest game of the year was played against Cape on a neutral court. Playing without the services



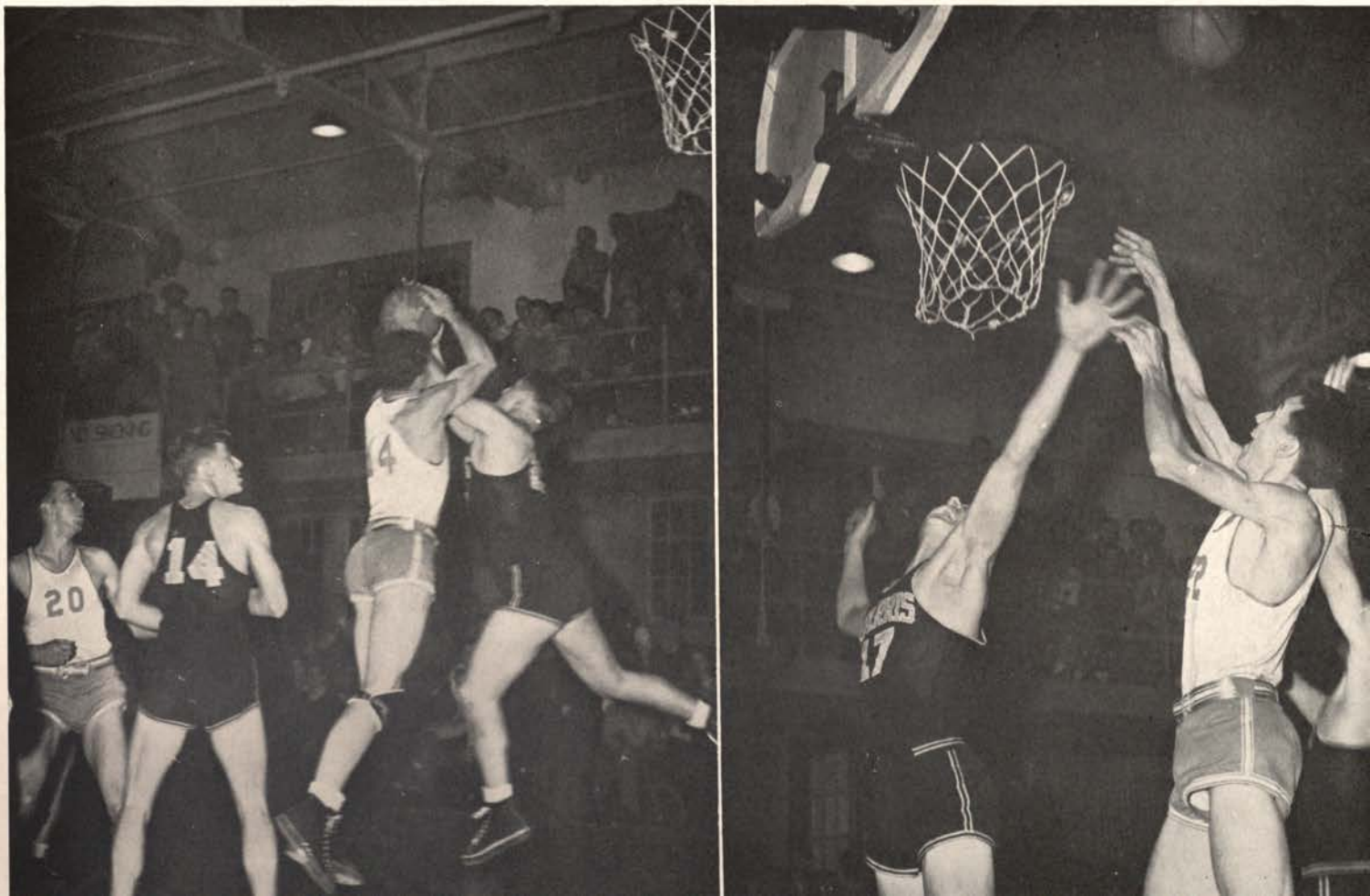
Pete Perino Forward | Francis Breeze Guard | Cletus Voiles Guard | Roger Jenkins Forward | Bob Perry Center

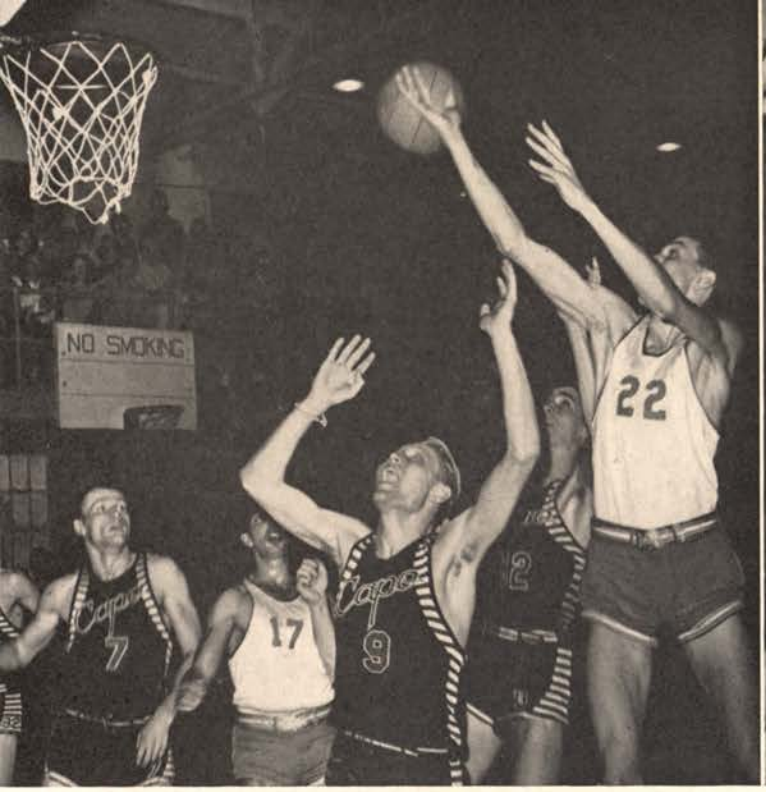
of Jenkins, the Miners ended up on the short side of an 80 to 76 score. The outstanding individual performance of the season was turned in that night as Miner center Bob Perry scored 35 points for a new scoring record. Perry's total was accomplished by 11 field goals and 13 free throws.

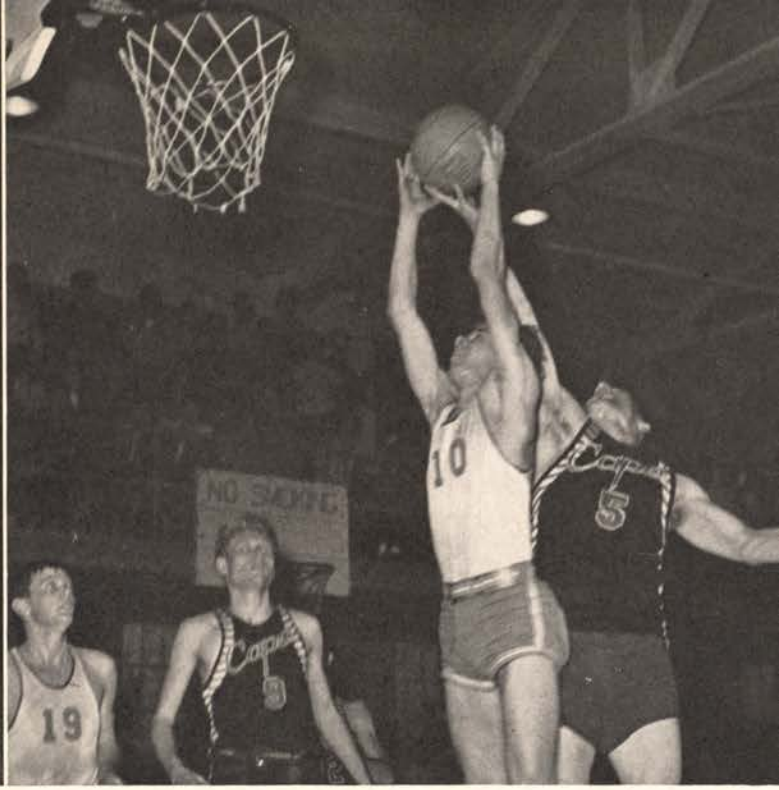
All the credit for this year's success goes to Roger Jenkins, Francis Breeze, Bob Perry, Cletus Voiles, and Pete Perino, holdovers from last year's team, and newcomers Norm Neiderstadt, Gerald Henson, Ralph Baker, Dick Hughes, and Bill Roark.

These boys will be back next year to start the Miners on what they hope will be an even more successful season.

*Action against Harris Teachers.*






*Perry and Perino stretching against Cape.*

# Basketball

1947-48 BASKETBALL SEASON INDIVIDUAL SCORING

| NAME | GAMES | FG | FTA | FTM | FT Pct. | TP | AVE. |
|---|---|---|---|---|---|---|---|
| Perry | 19 | 94 | 106 | 76 | .717 | 264 | 13.90 |
| Jenkins | 17 | 65 | 51 | 29 | .568 | 159 | 9.36 |
| Breeze | 19 | 59 | 30 | 18 | .600 | 136 | 7.16 |
| Roark | 15 | 40 | 51 | 29 | .569 | 109 | 7.26 |
| Perino | 19 | 41 | 41 | 20 | .487 | 102 | 5.37 |
| Neiderstadt | 18 | 35 | 35 | 16 | .458 | 86 | 4.77 |
| Voiles | 19 | 27 | 26 | 18 | .694 | 72 | 3.79 |
| Hughes | 14 | 16 | 8 | 5 | .625 | 37 | 2.64 |
| Henson | 14 | 14 | 10 | 4 | .400 | 32 | 2.29 |
| Baker | 14 | 9 | 5 | 3 | .600 | 21 | 1.50 |
| Thrall | 7 | 7 | 7 | 3 | .428 | 17 | 2.43 |
| Crain | 3 | 1 | 4 | 2 | .500 | 4 | 1.33 |
| Burgett | 2 | 1 | 0 | 0 | .000 | 2 | 1.33 |
| Watson | 4 | 0 | 0 | 0 | .000 | 0 | 0.00 |
| | 19 | 409 | 374 | 23 | .597 | 1041 | 54.8 |

# Basketball

## SEASON'S RESULTS

### VARSITY

| | | | |
|---|---|---|---|
| MINERS | 66 | Harris Teachers | 33 |
| MINERS | 49 | Shurtleff | 51 |
| MINERS | 57 | Drury | 44 |
| MINERS | 42 | Westminster | 53 |
| MINERS | 58 | Scott Field | 27 |
| MINERS | 63 | Cape | 51 |
| MINERS | 60 | Principia | 44 |
| MINERS | 47 | Warrensburg | 59 |
| MINERS | 60 | Parks Air College | 26 |
| MINERS | 51 | Kirksville | 63 |
| MINERS | 51 | Kirksville | 71 |
| MINERS | 43 | Maryville | 61 |
| MINERS | 57 | Westminster | 54 |
| MINERS | 58 | Maryville | 57 |
| MINERS | 41 | Springfield | 59 |
| MINERS | 54 | Warrensburg | 53 |
| MINERS | 57 | Drury | 50 |
| MINERS | 76 | Cape | 80 |
| MINERS | 51 | Springfield | 74 |
| | 1041 | | 1010 |

### "B" TEAM

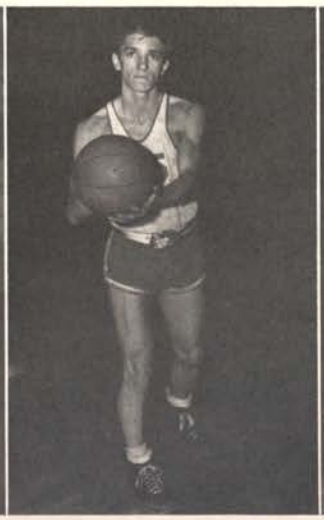
| | | | |
|---|---|---|---|
| MINERS | 51 | Iberia Junior College | 48 |
| MINERS | 41 | Newberg Independents | 42 |
| MINERS | 56 | Rolla Independents | 51 |
| MINERS | 80 | Dixon Independents | 36 |
| MINERS | 72 | Salem Independents | 48 |
| MINERS | 73 | Vienna Independents | 27 |
| MINERS | 51 | Rolla High | 42 |
| MINERS | 56 | St. James Independents | 39 |
| MINERS | 51 | PKA and K. Sig | 42 |
| MINERS | 47 | Springfield | 59 |
| MINERS | 89 | Pacific Independents | 48 |
| MINERS | 45 | Rolla Independents | 47 |
| MINERS | 37 | Springfield | 79 |

*"B" Team in Action.*

## FINAL MIAA STANDING

| | Won | Lost | Pct. |
|---|---|---|---|
| Kirksville | 10 | 0 | 1.000 |
| Warrensburg | 6 | 4 | .600 |
| Springfield | 6 | 4 | .600 |
| Cape Girardeau | 4 | 6 | .400 |
| MINERS | 3 | 7 | .300 |
| Maryville | 1 | 9 | .100 |

Ralph Baker Guard



Dick Hughes Forward

Norm Niederstadt Center

Jerry Henson Forward

Bill Roark Guard

BACK ROW: Coach Bullman, *Voiles, *Burke, Calhoun, *Liddell, *Kendall, *Guiney, *Schwartz, *Bock. SECOND ROW: *Mann, *King, *Corbin, *Ruff, Maag, Swartz, *Kirk, *Stone. FIRST ROW: Slankard, *Turner, Lurcott, Day, *Bush, *Carlton, *Bruer. Missing from picture: *Collier, Doelling, Grimsley, Guth, *Tothill, Wood, *Winning. *—Lettermen.

# Varsity Track '47

*Schwartz puts one.*

The 1947 track squad is featured in this 1947-48 Rollamo. A squad composed of a large number of returning lettermen and a larger group of new, enthusiastic athletes had a very successful season.

In their opening meet on April 12, the Miners came out second in a triangular meet with Cape and Springfield at Springfield, but came back strong four days later to thrash St. Louis U. in a dual meet, 80 to 50.

After losing to Cape and Washington U. in another triangular meet, the silver and gold clad cindermen split their next two dual meets, losing to Westminster and downing Shurtleff College, before engaging in their last pre-conference meet. The Miners proved to be too much for Springfield and Kirksville and easily walked off with the triangular meet.

The all-important M.I.A.A. conference track meet was run off at Cape on May 10. Once

*Stone and Burke hitting their stride.*

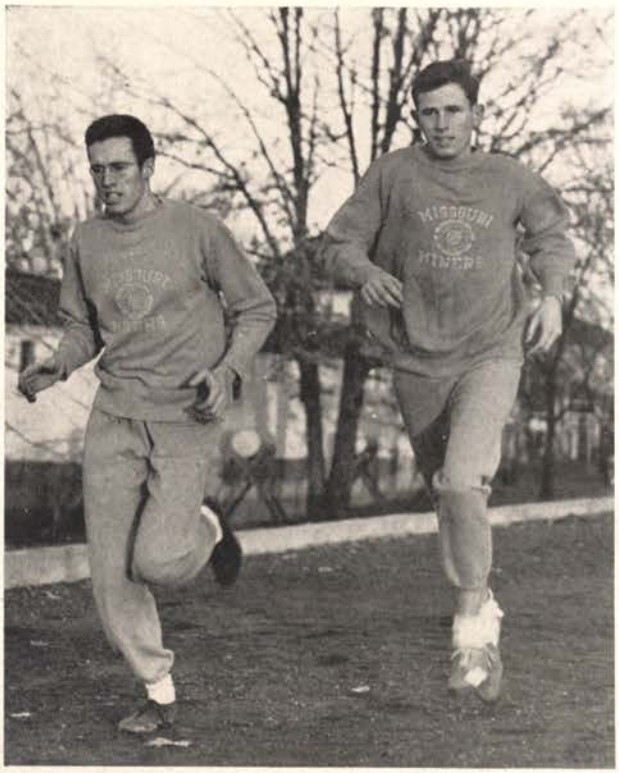
*Kirk winning the century against St. Louis U.*

again the Miners looked at the heels of the Cape Indians. Finishing second, the Miners were followed in order by Maryville, Kirksville, Warrensburg, and Springfield. Rolla winners were: John King, mile and two-mile; and Tom Burke, who set a new M.S.M. school record in the 200-yard low hurdles with a 25.2 seconds performance.

John King's 68 points topped the scores. Other top men were Bill Kirk with 57½, Clifford Turner with 37½, Al Schwartz with 25, and Tom Burke with 22.

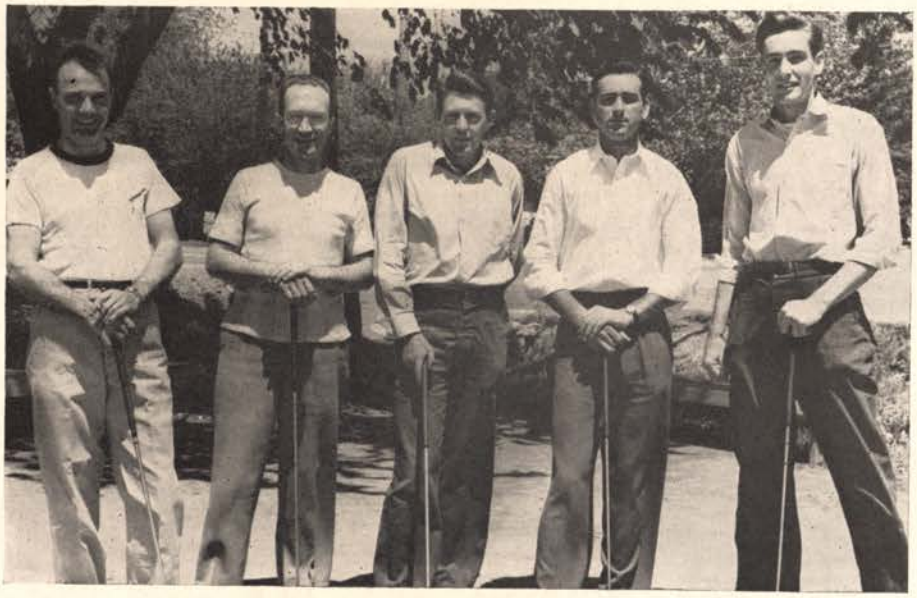
# Cross Country Track

Cross country, as an intercollegiate sport, was inaugurated this year at M.S.M. Due to the lack of competition in this area plus the difficulty in scheduling meets with schools who do have cross country teams, the squad competed in only one meet. This meet was with Washington Univrsity. Don Smith and John King won second and third place, respectively, thus qualifying for major letter awards. King later honored M.S.M. by capturing second place in the annual "Turkey Day Race" held in St. Louis. In addition to Smith and King, this year's squad was composed of Neil Dowling, Don Mahan, Robert Heatfield, Bill Courtright, and Ray Maag.



*Johnny King and Don Smith, Cross-country lettermen.*

# Varsity Golf



Dennis McColgin, Lloyd Youngs, Eddie Sands, Tony Pantaleo, Walt Kramer.

The 1947 golf season is covered in this Rollamo in order that the history of M.S.M. sports may be complete.

The golf team, coached by John Steinmeyer, opened its season with a triangular meet against Washington U. and Cape. Tony Pantaleo fired a 73 for medalist honors as the Miners took second in team medal scores.

After winning over Shurtleff in a dual meet, the Miners journeyed to Springfield to engage the strong Bear team. Eddie Sands and Pantaleo proved too much for the opposition as the final score found Rolla the winner, 11½ to 6½.

The MIAA conference meet was held at Cape on May 10. The four-man Rolla team composed of Kramer, Pantaleo, McColgin, and Sands had a low team score of 624 to win the conference title. Cape, Springfield, Warrensburg, and Maryville finished in that order behind Rolla.

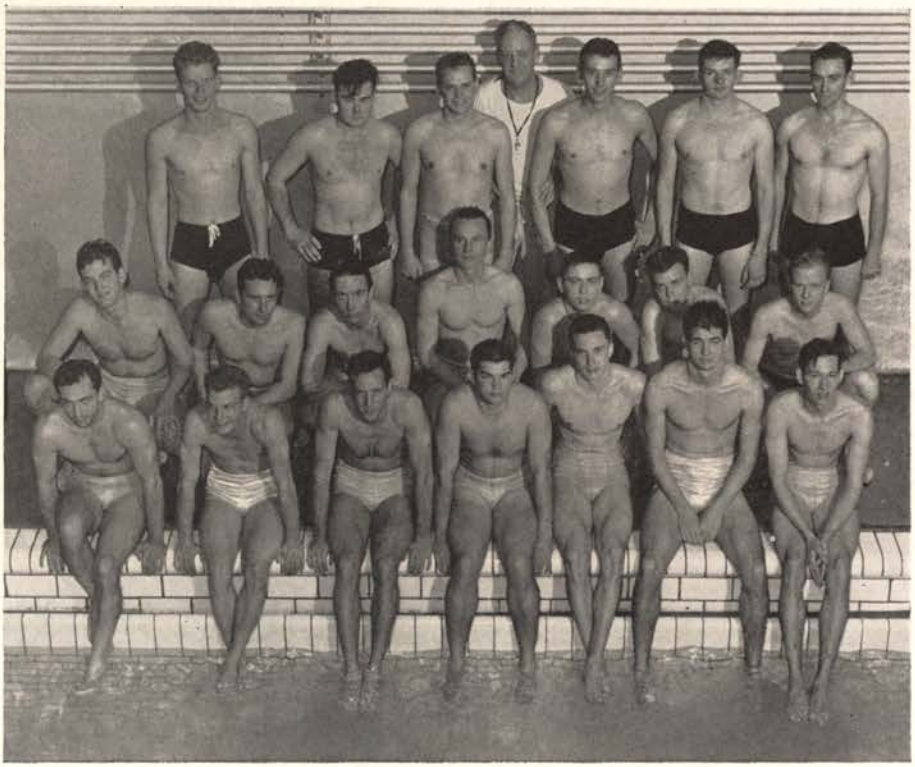
# Varsity Tennis

Through the efforts of John Glaves and Gene Weber, the MIAA tennis championship was won by M.S.M. for the second straight year. Glaves was the singles champion while he and Weber teamed up to take the doubles event.

The squad also owned victories over Augustana, Principia, Cape, and Springfield. St. Louis and Concordia handed the Miners their only two losses.

Gene Weber, Fred Canning, Charlie Ross, John Glaves.

# Varsity Swimming

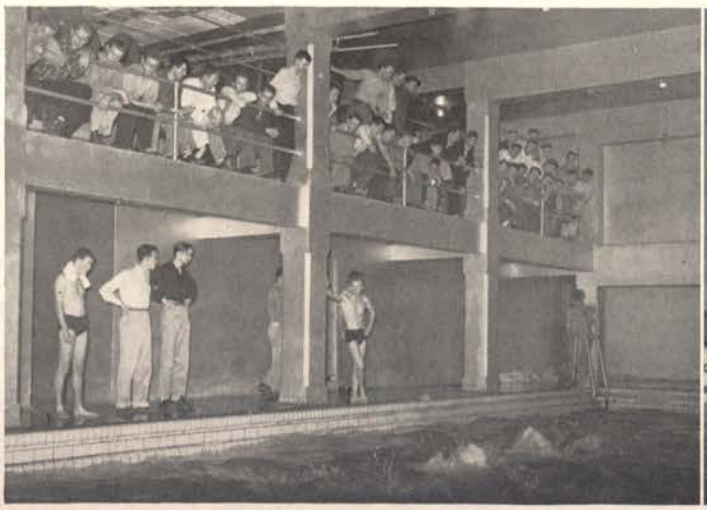


BACK ROW: Moe, Walker, Lewis, Coach Bernard, Fredricks, Reilly, Smith.
SECOND ROW: Hetherington, Breidert, Kortjohn, Aegerter, Vose, Theilker, Ashley.
FIRST ROW: Duke, Bounds, Losco, Eaton, Williams, Pounds, Westlake.

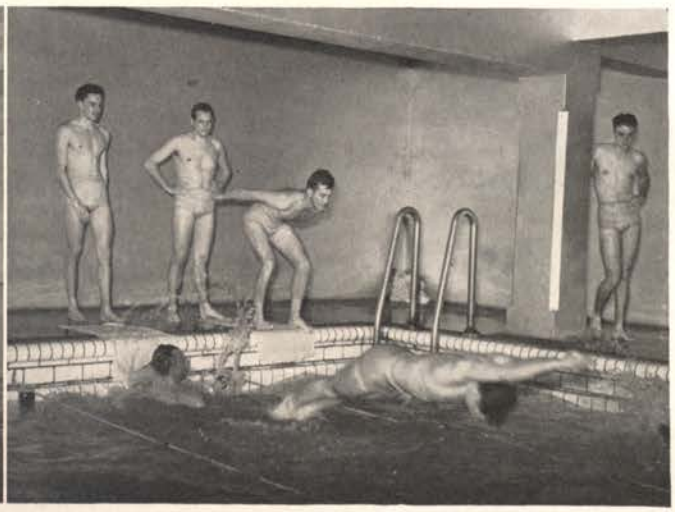
Coach Barnard's swimming team again wears the MIAA conference crown. Five new records were set as the Miners rolled up a decisive 72 to 29 score over Cape, the only other conference school to enter a team. Ivor Pounds blasted the 220-yard and 100-yard free style records, Elmer Breidert, the 150-yard backstroke, and Thielker, the 440-yard free style. The Miner medley relay team composed of Breidert, Williams, and Aegerter also bettered the old record.

Handicapped by the lack of competition due to schedule difficulties, the Miners defeated Murray State of Kentucky and Cape in dual meets while losing to St. Louis and Washington. The team also took third place in the YMHA meet held in St. Louis.

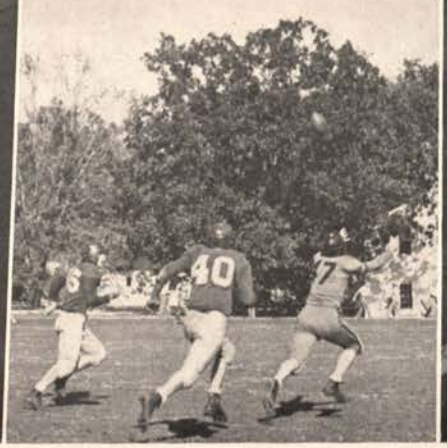
Chief point-getters for the Miners were Ray Williams, Ivor Pounds, Elmer Breidert, and Paul Aegerter.



*Standing room only.*



*Miner relay squad.*



*"Furriner" Cheerleaders.*
*Jarrin' Jim jolts the Mules.*
*Liddell's near-miss.*
*Wot! no ball?*
*Our boisterous Cheerleaders.*
*He snagged it.*
*That Homecoming victory.*
*Up and over.*
*Future stars.*
*Ah, thar it is!*

# Jackling Gym

## MSM Sports Headquarters

# Intramural Sports

*Bob Morlock, Intramural Athlete of '46-'47.*
*Herrmann, Cross-country victor.*
*Griesedieck and Baker.*
*Sigma Nu gridders.*

### TABLE TENNIS

Table tennis got the intramural program off to a good start as seventeen teams sought the championship. The Freshmen walked off with the team honors, thanks chiefly to the great playing of Evans, their representative in the singles event. Evans had little trouble defeating Montgomery of Sigma Pi. Baker and Griesedieck of Kappa Sigma downed Knopp and Stadelhoffer of Lambda Chi Alpha to win the doubles event. Finishing second in team play was Pi Kappa Alpha fraternity.

### TOUCH FOOTBALL

One of the most sought after championships in the intramural program is touch football. This sport has the reputation of being rough as all the boys run and block hard. This year Sigma Nu fraternity won the battle of the fittest but had to do it the hard way. Defeated early in the season by Kappa Sigma, the Sigma Nus came back from the losers' bracket to conquer the same Kappa Sig team in the finals.

### CROSS COUNTRY

The intramural cross country race is held during the half of the annual homecoming football game. This year thirty men got off to a good start but became widely disintegrated before the end of that grueling mile. Red-headed Tom Herrmann of Theta Kappa Phi romped in all alone, well ahead of the rest of the field. Second place went to Schirmer of Kappa Sigma, who was followed closely by Bullock of Sigma Nu.

### SWIMMING

The swimming meet was as close as could be this year. After completion of the first few events it was apparent that the Freshmen and the Sigma Nu fraternity were the ones to beat. These two steadily pulled away from the rest of the field but kept within reach of one another in total points. The Frosh splashed home first in the final event to tie the Sigma Nus for the championship. Theta Kappa Phi finished strong to take third place.

*"Monty" and Evans.*

## RIFLE

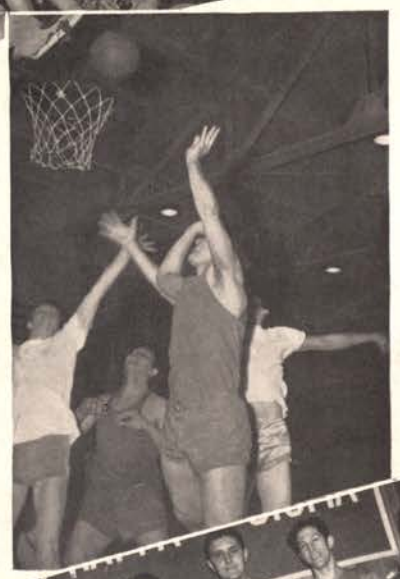
To the Lambda Chi Alpha fraternity went the honor of having the best rifle team on the campus. Individual honors went to Walter Knecht of Kappa Sigma fraternity with a score of 186 points. Sigma Nu, Kappa Sigma, and Theta Kappa Phi finished in that order behind the winners.

## BASKETBALL

Two different leagues were necessary this year due to the large number of teams entered in basketball. Round robin play found the Kappa Sigma fraternity and the Junior-Senior aggregation the winners in their respective leagues. The Kappa Sigs came through undefeated while the Junior-Senior had a seven and one record. A lot of exciting basketball was seen in the best two out of three play-off series as the Kappa Sigs won the title. Pi Kappa Alpha defeated Sigma Nu for third place. Fifth and sixth places went to the Sophomores and Triangle fraternity respectively.

## BOXING AND WRESTLING

The Boxing and Wrestling tournament was a source of real entertainment to local sports fans as a large number of experienced sluggers and grapplers weighed in for the matches. In boxing the Kappa Sigma Fraternity, long noted for its boxing teams, came out on top followed very closely by Triangle. The wrestling Theta Kappa Phi's team of rugged matmen walked off with top honors. Second place wrestling honors went to "Tekes."



*Swimming relay.*
*Winners! Frosh and Sigma Nu.*
*Basketball action.*
*Kappa Sig's cage champs.*

BOXING CHAMPS: Bounds, 126 lb.; Hobleman, 145 lb.; Telthorst, 165 lb.; Ashley, 118 lb.; Dowling, 135 lb.; Dunn, 175 lb.; Theerman, heavyweight. Missing from picture: Otto, 155 lb.

WRESTLING CHAMPS: Rauch, 135 lb.; Heineck, 155 lb.; Needham, 165 lb.; Fitzgibbon, 175 lb.; Weinel, heavyweight; Herrmann, 126 lb.; McClinton, 145 lb. Missing from picture: Tucker, 118 lb.

# Organizations

If American professional men of the next decade uphold their reputation as the "world's most enthusiastic joiners" we will know that they learned this social passion in College.

At Rolla this year there is more study and less play than ever before, but the School's Social, Honorary and Professional Fraternities, Clubs, Societies, Groups, Councils and Boards are doing a roaring business. The Miner who has not discovered the crazy beauty of the School's ORGANIZATIONS is like the Miner who has not yet discovered how to operate his slide rule.

*Down at the Herald office.*

# Missouri Miner

Visible changes were made in the MISSOURI MINER in the past year—a change of publishers was made and as a consequence the page size was reduced from eight to seven-column width. Also, a better grade of paper was used and a much clearer and cleaner print was realized. Students were heard to remark: "You can even read the thing now!"

During the Fall Semester, the Miner Board moved into new offices in the old Infirmary Building, providing more office space. The Board now owns, jointly with the Rollamo Board, a completely equipped darkroom and printing plant. Photograph files and dead-issue files are being established for future reference and use.

Outstanding features of the 1947-48 MINER—the best football coverage in the conference, under the able direction of Tom Wirfs; Editor Delany's interview of "Miss America"; and the St. Pat's edition.

THIRD ROW: Brooks, Strubert, Murney, Fisher, Raymer, Sullivan, Padfield, Bachman, Pounds, McCarthy, Hepp, Bennett, SECOND ROW: Cardetti, Rother, Fleher, Boschert, Main, McCallister, Hoelscher, Prosky, Starkweather, Springer, Ransom, Bermel, Born, Van Buskirk, Meiners. FIRST ROW: Herder, Juergens, Chapman, Wirfs, Prof. Jelinek (advisor), Delany, Chaney, Aubuchon, DeBolt, Young.

Outstanding reporter of the year—Reuben Starkweather, with enough copy to keep four men on the staff.

Outstanding man on the business staff—Joe Reiss, who was always a willing worker.

Unsolved problems for next year's Board—how to read the umpteen column financial statement sent from the Business Office; how to put out one edition without losing sleep or cutting classes.

*Bob Buel, make-up wizard.*

*The high command.*

OFFICERS

| | |
|---|---|
| Editor | Mike Delany |
| Associate Editors | Donald DeBolt, Robert Buel |
| Managing Editor | Edward Aubuchon |
| Sports Editor | Tom Wirfs |
| Business Manager | James B. Chaney |
| Advertising Manager | Ivor Pounds |
| Circulation Manager | Peter Bermel |
| Features Editor | Jack McCarthy |
| Exchange Editor | Fred Springer |

*Fall Banquet.*

# Rollamo Board

*The worry department—Editor Weismantel and Business Boss Poppitz.*

## ROLLAMO STAFF

Editor-in-Chief.....Bill Weismantel
Business Manager.....Reinhold Poppitz
Staff Photographers.....Jack Rother, Louis Frank
Literary Editor.....Carl Davis
Organizations Editor.....Bill Bach
Sports Editor.....Robert Perry
Secretary.....Tom Long

## ROLLAMO BOARD

Clarence Isbell, Robert Morlock, H. T. Mann, P. F. Bermel, G. D. Holmes, J. Fischer, E. J. Telthorst, E. Mueller, J. Hoelscher, W. Mathaws, W. Main, J. V. Leahy, C. L. Menzemer, C. Boschert, R. J. Stegemeier, L. McCallister, W. Kaiser, W. Wibbing, J. Sullivan.

*Fisher and tryouts doing research.*

The ROLLAMO can no longer be considered a small annual from a small college. It, like the School of Mines, has reached a new maturity. The job of editing and producing the "big" book has reached new proportions.

Many improvements of a permanent nature have been made in ROLLAMO production. First and foremost, the school has granted an office in the new infirmary building; a darkroom, jointly owned and equipped by the MINER and ROLLAMO, has been set up; the facilities needed to produce a comprehensive annual are finally ours.

The '48 book's literary side, unique because of its informal style, is the work of Carl Davis and his writing staff. Bill Bach directed the nerve-shattering job of contacting the school's forty-odd organizations for write-ups and pictures. Bob Perry, who is no stranger to the Athletic Department, engineered the Sports Section. The whole show was directed by Editor Bill Weismantel, with Reinhold Poppitz manning the "duplicate, triplicate, countersigning, voucher-wild" Business Manager's job.

Much of the better photography is the work of Jack Rother. Other student cameramen who contributed were Louie Frank, Ray St. Germain, Coi Bruer and Bob Niewoehner. The talented members of the M.S.M. Photo Club submitted a good number of excellent photos.

*Rother and the darkroom.*

THIRD ROW: Cardetti, Fleher, Fisher, Dieckman, Sullivan, Davis, Perry, Morlock, Hoelscher, Bermel, Bach, Meiners. SECOND ROW: Born, Huffer, Krainess, Holmes, Long, Kyburz, Peterson, Kaiser, Boschert, McCallister, Main, Gokenbach, St. Germain. FIRST ROW: Anderson, Billard, McNichols, Horst, Prof. Jelinek (advisor), Weismantel, Poppitz, Chapman, Rother, Stegemeier.

THIRD ROW: Spanier, Hansen, Juergens, Todd, Dieckman, Stadelhofer, Birbeck, Ballmann. SECOND ROW: Wagner, Wundrack, Mathews, Kelley, Leaver, Murney, Haley. FIRST ROW: Rosenbaum, Gregory, Hepp, Castleberry.

# Student Council

The Student Council, supposedly a student governing body, is made up of twenty-two delegates representing the students of the Missouri School of Mines. The Council is now experiencing its first crucial period since its beginning in 1937. The present representation is made up of eleven Social Fraternity delegates and an equal number of delegates from the Independents' organization.

The Council has been hampered in its attempt to restore the rightful power and prestige to the organization mostly by lack of funds and student interest. The members are now in the process of creating a new and more adaptive constitution; it is hoped that the effect of the new constitution will be one of obtaining full student support.

OFFICERS

President.....Harvey Leaver
Vice-President.....William Murney
Sec.-Treas { Don Matthews / Ray Juergens (acting)

*Policy makers.*

*Council in session.*

THIRD ROW: Hallett, Skinner, Brown, Erskine, Hansen, Trace, McKelvey, Withrow, Haley, Collar. SECOND ROW: Brundige, Stanhope, Diekman, Starkweather, Seeling, Fliehman, Foster, Birlbeck, Etz. FIRST ROW: Martin, Moe, Juergens, Todd, Mathews, Kelley, Grimsley, Wundrack, Crites.

# Independents

The Independents is an organization for the students who do not belong to any of the various social fraternities on the campus. All non-fraternity men are welcome at the meetings and have voting privileges. However, only paid up members may hold office.

A program of speakers for the meetings was initiated and movies were contemplated.

Members to the St. Pat's board and Student Council are elected from the organization. Two dances and a hayride with an added "outing" were staged by the Independents. Funds to supply the football field with an electric scoreboard were allocated. The organization is active in intramural sports and participated in all events.

*Independent Bosses.*

OFFICERS

President.....D. J. Mathews
Vice-President.....F. A. Todd
Treasurer.....J. D. Kelley
Secretary.....R. J. Juergens

FOURTH ROW: Ellis, Fesler, Ray, Gregory, Stahl, Pickett, Van Amburg, Vogt, Staecker, Emo, Rother, Detjen. THIRD ROW: Rowhl, Hudson, Prof. Cagg, Valleroy, Doelling, Keeley, Corbett, Westmoreland, Garthwaite, Dressner, Prof. Butler, Hasko. SECOND ROW: Jensen, Wolfarth, Montgomery, Botkin, Normann, Foley, Simpkin, Wurth, McGuire, Cooper. FIRST ROW: Roderique, Cardin, Eshbaugh, Prof. Skitek, Prof. Johnk, Kastin, I. Garthwaite.

# Phi Kappa Phi

OFFICERS

President.....G. G. Skitek
Vice-President.....M. H. Cagg
Journal Correspondent.....G. C. Boyer
Secretary-Treasurer.....W. J. Jensen

*The pundit professors.*

The Missouri School of Mines Chapter of the Honor Society of Phi Kappa Phi was founded in 1920 to recognize high scholastic achievement by the badge of membership. Membership is open to scholars of all races and creeds and in all branches of learning.

The National Society and its Chapters seek to promote scholastic endeavor by sponsoring interesting speakers and by granting awards and scholarships. The Missouri School of Mines Chapter sponsors public addresses; grants their Book Plate annually to each student who has attained a scholastic average of 2.0 grade points or better for the year; and has a student loan fund.

FOURTH ROW: Straub, Gregory, Niewoehner, Dean, Donald, Stahl, Montgomery, Anderson, Foley, Simpkin, Armstrong, Detjen. THIRD ROW: Ray, Valleroy, Rother, Holmes, Hoffman, Merritt, Van Amburg, Keeley, Hansen, Westmoreland, Chaney. SECOND ROW: Bennett, Wolfarth, Fairchild, Botkin, Normann, Pickett, Vogt, Stoecker, McGuire, Cooper. FIRST ROW: Chaffin, Williams, Wilks, Emo, Hasko, Boaz, Doelling, Skitek.

OFFICERS

President.....W. H. Lenox
Vice-President.....K. E. Niewoehner
Secretary .....R. Pickett
Treasurer.....W. J. Foley
Corresponding Secretary.....J. Rother
Cataloguer.....H. F. Thompson

The Tau Beta Pi Association was founded at Lehigh University in 1885 for the purpose of marking in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in the field of engineering.

The Missouri Beta Chapter of Tau Beta Pi was founded at M.S.M. in December, 1906. Since that time it has risen to become the highest ranking engineering fraternity on the campus.

# Tau Beta Pi

*"What would 'de do wid'out us wheels, wheels, wheels."*

FOURTH ROW: Janczewski, Telhorst, Yochum, Hackmann, Rother, Lindquist, Wirfs, Browning, Morlock, Stegmeier, Johnson, Schowalter. THIRD ROW: Bishop, Poppitz, Hoffman, Griesedieck, Reinert, Masterson, McMillan, Walker, Niewoehner, Allen, Prof. Butler, McGrath. SECOND ROW: Reilly, Bennett, McGovern, Tapperson, Bowman, Robbins, Rock, Cooper, Collar, Crites. FIRST ROW: Weismantel, Logan, Schmidt, Chaney, Pickett, Howell, Hepp, Delaney, Collins.

# Theta Tau

OFFICERS

Regent.....W. C. McMillan
Vice Regent.....D. O. Reinert
Scribe.....R. N. Howell
Treasurer.....R. E. Schowalter
Corresponding Secretary.....H. N. Johnson
Marshal.....J .T. Hepp
Inner Guard.....T. P. Wirfs
Outer Guard.....R. A. Walker

M.S.M.'s Iota Chapter of Theta Tau, National Professional Engineering Fraternity is not an honorary fraternity but maintains high scholastic standards. Its members are chosen on the basis of personal worthiness and of promising engineering ability.

Under the energetic leadership of Jim McGovern, Bill McMillan and the other '47-'48 officers, the organization enjoyed a variety of activities. Frequent banquets, at which student members sampled the art of after-dinner speech making, an occasional outing, the smokers, meetings and informal Wednesday gatherings at "McMillan's office by the tracks" made up the year's program.

*McMillan and lieutenants.*
*October 15 banquet.*

THIRD ROW: Gammon, Hoehn, Niewoehner, McGovern, Vogt, Pickett, Perry, Reinert, Wirfs, Chaney, Howell. SECOND ROW: Gregory, Whaley, Poppitz, Lindquist, Rock, Reilly, Delany, Detjen, Bishop, Gardon, Murney. FIRST ROW: Jamboretz, Alverez, Emo, Hackmann, Mathews, Stoeker, Rother, Brehe, McGrath, Hepp.

*Chief keys.*
*Frosh coke bust.*

# Blue Key

OFFICERS

President.....D. Matthews
Vice-President.....D. Reinert
Secretary-Treasurer.....J. G. Reilly
Corresponding Secretary.....R. Gregory
Alumni Correspondent.....J. B. Chaney

Blue Key, a national honorary fraternity, has been on the Rolla campus since 1933. The organization, whose membership includes dozens of campus leaders, has, as its aim, service to the school and student body. Blue Key members are chosen on a basis of scholarship, character, student activity and service.

Among the 1947-48 projects were publishing the Student Directory, serving as ushers at school functions, sponsoring a Red Cross drive and introducing M.S.M. to the frosh by means of two Freshman Smokers.

FOURTH ROW: Kingsland, Martin, Hudson, Hellwege, Stahl, Ehrler, Peterson, Schweder, Crossman, Miazga, Booth, Detjen, Vaden. THIRD ROW: Allen, Withrow, Lowden, Goller, Rice, Gammon, Valleroy, Fuller, Roderique, Collins, Hoehn, Glaves, Knecht, Wetzel. SECOND ROW: Koenig, Wehking, Shatto, Coffman, Bye, Wilks, Armstrong, Jackson, Walker, Kasten. FIRST ROW: Hemme, Brice, Tyrer, Geiss, Middeler, Rohr, Carter, McGehee.

*Neutralization.*
*They lost their heads.*

# Alpha Chi Sigma

OFFICERS

| | |
|---|---|
| Master Alchemist | S. Martin |
| Vice-Alchemist | S. Bye |
| Reporter | W. Gammon |
| Recorder | R. A. Stahl |
| Treasurer | E. Hoehn |
| M. C. | D. Detjen |
| Alumni Secretary | R. Cornwall |
| Historian | S. Kingsland |

Alpha Chi Sigma is a National Professional Chemical Fraternity which was founded in 1902 at the University of Wisconsin. At present there are 46 collegiate chapters and 30 professional chapters located throughout the country.

The M.S.M. group, known as the Beta Delta Chapter, was begun in 1936. The fraternity's objectives are to bind its members in lasting friendship, to strive for the advancement of chemistry, and to aid its members in every honorable means in the pursuit of their profession.

The Chapter sponsors a safety program, publishes the "Beta Delta Data" twice a year, and makes awards to the sophomore and graduating senior in Chemistry and Chemical Engineering having the highest grade-point averages.

FOURTH ROW: Cox, Glaves, Aegerter, McCord, Perry, Pickett, Jones, Meyer, Kwadas, Chew. THIRD ROW: Bruer, Ross, Ecklund, Pounds, Hoehn, Dowling, Perino, Matthews, Eckert, Shourd, Theiss. SECOND ROW: Hetherington, Shwartz, Volz, Canning, Scholz, Gammon, Montgomery, Hepp, McGrath, Youngs. FIRST ROW: Weismantel, Kortjohn, Duerr, Tothill, Reichelt, Schmidt, Jorcke, Williams

# "M" Club

| OFFICERS | FALL | SPRING |
|---|---|---|
| President | Jim McGrath | Roger Jenkins |
| Vice-President | Joe Hepp | Bob Montgomery |
| Secretary | Bill Gammon | Chas. Tothill |
| Treasurer | Bob Kemper | Bob Reichelt |

The "M" Club was organized in 1936 to solidify the feeling of fellowship developed among teammates on the field, on the court and on the track. The objectives of the "M" Club include not only participation in varsity athletics but advancement of intramural sports as well.

The main event of the "M" Club social calendar is the annual "Pigskin Prom", at which time the "Intramural Athlete of the Year" award is given to the man who has shown, through his sportsmanship, athletic ability and cooperation with his teammates that he is the all-around intramural man of the year.

*The payoff.*
*"Please sign my egg, Mr. McGrath."*

# Gamma Delta

Gamma Delta is an international association of Lutheran students organized to encourage a study of the Bible and to promote fellowship within the school and between other colleges and universities.

Regular meetings are held each Sunday evening. Ladies of the congregation serve dinner, which is followed by a business meeting and topic discussion. These discussions are usually conducted by the newly-appointed pastoral advisor, Reverend Ellerman.

During the '47-'48 school year two joint meetings were held with the Washington University chapter; one in the form of a roller skating party and the other a hay ride in Babler State Park. The second meeting included a tour of the Washington University campus.

The motto of the organization is symbolized by our name, Gamma Delta; this representing the first letter of the Greek words "Gnosis" and "Diakonia", which mean "knowledge" and "service", respectively.

Seven members of the Rolla chapter attended the national convention at Lincoln, Nebraska in the fall. Gamma Deltans actively participated in intramurals, entering teams in basketball, football, softball, volleyball, boxing and other sports.

*"Now here's a nice card."*
*"I've been working on da railroad . . ."*
*Officers* *The college try.*
*At Washington U.*
*The grid squad* *How do I join?*
*"Now listen, you bums . . ."* *Ping for serve.*

# Association

OFFICERS

President.....W. F. Stoecker
Vice-President.....H. E. Straub
Treasurer.....R. F. Ostmann
Secretary.....M. H. Fliehman

*"You better pay those dues!"*

THIRD ROW: Schmidt, Sundholm, Haas, Eldridge, Isbell, Casper, Neely, Ostmann, Niemiste, Kolb, Beumer, Detjen, Dunn. SECOND ROW: Straub, Poppitz, Fliehman, Perko, Schmitt, Graser, Carlson, Schneider, Fritschen, Kline, Keeser, Young, Geidel, Gokenbach. FIRST ROW: Ochs, Schamburg, Gerler, Mallon, Prof. Rushing, Rev. Ellermann, Stoecker, Knigge, Wolfram, Lange.

THIRD ROW: Day, Harter, Gibbs, Seay, Crawford, Edmunds, Fugate, Teagarden, Powell, Harris, Prof. Thorpe. SECOND ROW: Rev. Carlisle, Phelps, Wile, Pavlakes, Calhoun, Joslin, Foster, Winters, O'Dell. FIRST ROW: Cochran, J. Absalom, Crowell, P. Absalom, A Joslin, Hargrave, B. Edmunds, Whitaker, B. Hixon, C. Hixon.

# Baptist Student Union

OFFICERS

President.....A. W. Edmonds
1st Vice-President.....M. Pavlakes
2nd Vice-President.....J. Absalom
3rd Vice-President.....C. M. Hixson
Secretary.....W. Harris
Treasurer.....W. L. Weddle

The Baptist Student Union is a group of Christian students banded together to promote Christian fellowship and Christian living.

The M.S.M. Baptist Student Union was organized the summer of 1947. Since then the BSU has experienced a rapid growth and now has an active membership of thirty-five plus other regular attendants.

This religious organization has a regular monthly meeting and many other informal activities each month.

*Union officers.*

*Rolla's Baptist church.*

*"For Thine is the Kingdom . . ."*

SECOND ROW: Hansen, Haley, Schirmer, Dieckman, Danz, Johnk, Hoppe. FIRST ROW: Padfield, Carpenter, Juergens, Deichmann, Parks, Daugherty, den Boer.

# Photo Club

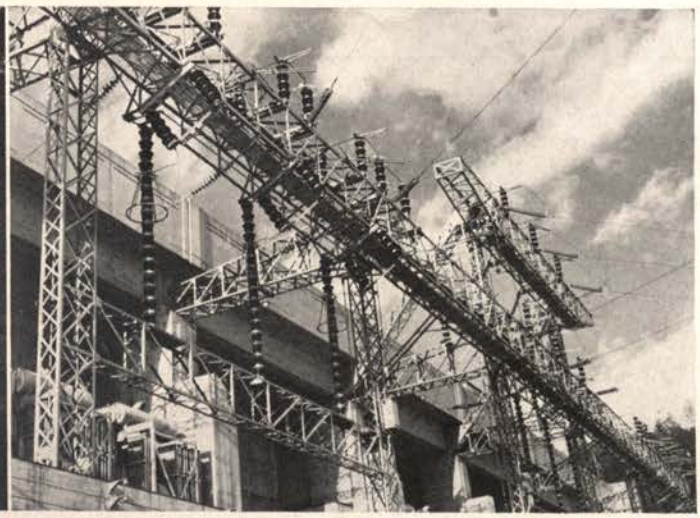
OFFICERS

President.....A. M. Deichmann
Vice-President.....R. J. Juergens
Secretary-Treasurer.....R. C. Padfield
Faculty Advisers.....G. C. Boyer, C. Johnk

The M.S.M. Photo Club was founded in order to band together students with a common photographic interest. The club furnishes darkroom facilities and endeavors to further the understanding and use of photography by holding meetings and an annual contest which is open to all students.

The annual photo contest was held during the fall semester with Charles Kuder walking away with first place and a cash prize. The other winners were Jack Rother and Bob Rock, who won second and third place, respectively.

*1st Prize: "The Last Chore."—by Kuder.*



*2nd Prize: "Electrical Power."—by Rother.*

THIRD ROW: Born, Giacoma, Choate, Fitzgibbons, Lemman, Allen, Jones, Heacock, Cardetti. SECOND ROW: Stinson, Fritchen, Keeser, Kuhlman, Cotten, Fehring, Bilger, Holme. FIRST ROW: Vose, Ransom, Knight, Drago, Mittino, Dixon, Krause, Heil, Autorina.

# Detonators

OFFICERS

President.....J. Mittino
Vice-President.....M. B. Dixon
Secretary.....W. A. Drago
Treasurer.....G. C. Shelton
Sergeant-at-Arms.....R. S. Pankers

The Detonators are the M.S.M. R.O.T.C. Drill Squad, composed of picked volunteers from the R.O.T.C. Battalion. Discontinued during the war, they were reorganized in 1946, and have made application for membership in the Persian Rifles, a national organization of outstanding drill units.

Highlight of the year is the R.O.T.C.'s annual Military Ball, at which time the Detonators perform snappily before an interested audience.

*Military Ball performance.*

# Rifle Club

OFFICERS

Fall Semester

President.....John Mundy
Vice-President....Charles Palubiak
Secretary.....Ken E. Niewoehner
Treasurer.....Michael Deichmann

Spring Semester

President .....Charles Palubiak
Vice-President.....Vernon Casper
Captain.....George Clausen
Secretary.....George Crabtree
Treasurer.....William Fairchild

THIRD ROW: Stanhope, Fairchild, Palubiak, Winters, Deichmann, Carpenter. SECOND ROW: Caplan, Schirmer, Harter, Rock, Niewoehner, (unidentified). FRONT ROW: Casper, Fine, Causen, Davis, Schaeffer, Mundy, Ostmann.

The M.S.M. Rifle Club was formed to encourage rifle marksmanship among students and to serve as a basis for drawing members for the Varsity Rifle Team. The organization is a member of the National Rifle Association and the members may compete for awards given by that society. The club has fired matches with the Missouri University Team, the St. Louis Industrial Team, and the Downtown Rolla Team. They own shooting jackets and scopes, and have access to twelve Springfield .22 rifles owned by the Military Department.

# Radio Club

The Radio Club was founded in the fall of 1931 to provide an association for students who are interested in amateur radio. The club is currently operating station WOEEE on the amateur seventy-five meter phone band, and members have had many pleasant contacts with other amateur operators in the district. Code and theory classes are offered for the members.

REAR ROW: Georger, Stanhope, McCoid, Greer, Koons, Johnk. FRONT ROW: Winter, Brown, Procton, Hughes, Koontz, Hansen.

OFFICERS

President.....E. L. Hughes
Vice-President.....C. E. Smith
Secretary-Treasurer .....A. Procton
Station Manager.....R. H. Koontz
Sponsor.....C. T. Johnk

THIRD ROW: Hill, Garrod, O'Neill, Austin, Copeland, B. Smith, Anderson, Carr, McNary, Toth. SECOND ROW: O'Brien, Gasen, W. Smith, Bye, Sponke, Carney, Warsing, Moss, Straub, Harris, Parmenter. FIRST ROW: Cornelius, Shatto, Johnson, Schenk, Wallace, Flynn, McGuire, Rodden, Lindquist.

# University Dames

OFFICERS

President.....Mrs. F. L. Schenck
Vice-President.....Mrs. G. E. MacCormack
Secretary.....Mrs. J. W. Wallace
Treasurer.....Mrs. H. M. Johnston
Corresponding Secretary.....Mrs. R. H. Flynn

In 1941, the student wives on the campus organized the local chapter of University Dames, a collegiate organization which strives to promote a spirit of friendliness, to furnish a means of entertainment, and to stimulate general culture among its members. Programs of this year's meetings have included discussion about many subjects of interest including Literature, Music, Science, and Art.

In order to give its members a greater variety of activities, the University Dames organized groups to study dramatics, singing, handicraft, bridge, and many types of outdoor sports. These groups furnished some of the entertainment at the regular meetings, which were held during the school year at members' homes.

*Views from the Dames' style show.*

THIRD ROW: Tubielewiez, Taylor, Spindle, Skalka, Strart, Danz, Bushman, E. Smith, Furr, Bilger. SECOND ROW: Carter, Dunivin, Tucker, Mueller, Baily, Boeker, McNary. FIRST ROW: Parks, Wehrenberg, Springer, Stegmeier, T. Smith.

# M.S.M. Players and Alpha Psi Omega

SECOND ROW: Wehrenberg, Sprindle, Danz, Smith, Furr. FIRST ROW: Parks, Tucker, Skalka, Baily, Mueller, Boeker, Springer.

## ALPHA PSI OMEGA

OFFICERS

Director.....Fred M. Springer
Stage Manager.....Edward J. Smith
Business Manager.....Eugene Mueller
Secretary.....Marion W. Stanley
Honorable Prompter.....Evelyn Bailey
Faculty Advisor.....W. Currie Furr

## M.S.M. PLAYERS

OFFICERS

President.....Fred M. Springer
Vice-President.....Albert Danz
Secretary.....Adele Tucker
Treasurer.....Evelyn Bailey

*"Hi, Pappy!" Backstage.*

Alpha Psi Omega is an honorary dramatic fraternity which recognizes meritorious participation in college dramatics. The Delta Pi cast of Alpha Psi Omega was installed at Missouri School of Mines in 1933. Membership is conferred on those members of the "M.S.M. Players" who have done a high standard of work in dramatics.

The "M.S.M. Players", first known as the "Star and Garter", is a dramatic organization which is open for membership to any student or faculty member of M.S.M. and any lady resident of Rolla.

The organization presented two plays on the general lecture series in the first year. These plays, "Springtime for Henry" and "You Can't Take It With You", were staged in Parker Hall and drew a sizable crowd on both of the nights they were presented.

SECOND ROW: Netzebano, Prokes, Geiger, Moeller, Lennon. FIRST ROW: Deghuee, Van Buskirk, Hilderbrand, Spanier, Church.

# Hammer Throwers

OFFICERS

President.....R. L. Hildebrand
Vice-President.....W. F. Netzeband
Secretary.....L. Van Buskirk
Treasurer.....L. Spanier

One of the campus' newest organizations, the "M.S.M. Hammer Throwers" Model Airplane Club was formed in the Spring of 1947 under the sponsorship of Mr. Fred Nevin, who is its present faculty advisor.

With the Fall semester, the boys began to make the balsa chips fly in earnest, and several dozen control-line speed and stunt ships took to the air. The club's interest extends over all types of flying models, with a radio-controlled craft the most ambitious project to date.

*A bird? A plane? Gene's pride.*

*"The loop artist."*

*"One wing."*

*"Let 'er go." Biplane stunt ship.*

# American Foundrymen's Association

The M.S.M. Student Chapter of the American Foundrymen's Association has been organized only recently and was the second student chapter to be granted a charter.

Interest is promoted in all fields pertaining to the metal castings industry.

A complete gray iron foundry is nearing completion. Other facilities include a 20 KW Ajaz Hi-Frequency Induction Furnace, gas fired furnaces, a miniature arc furnace, electric furnaces, and thermit casting equipment. A wide selection of metals for casting studies are available: magnesium, aluminum, brass, bronze, steel, gray iron, etc.

*That new furnace.*

*Prof. "Boots" Clayton.*

OFFICERS

| | |
|---|---|
| Chairman | J. Reynolds |
| Vice Chairman | G. Moline |
| Secretary | J. Riley |
| Treasurer | S. Zirinsky |
| Program Chairman | E. Cornelius |
| Publicity Chairman | J. Mitchell |
| Faculty Advisor | Prof. Eppelsheimer |

SECOND ROW: Hoffman, Rock, Littell, Carron, Vogt, Cox. FIRST ROW: Cornelius, Moline, Reynolds, Parkinson, Mitchell, Prof. Eppelsheimer. Missing from photograph: Profs. Clayton, Walsh; Niewoehner, Bingham, Riley, Miller, Knoebel, Harris, Isbell, Weddle, Zirinsky.

FOURTH ROW: Branson, Coplen, Hughes, Gergeceff, Hill, Trace, Niewoehner, Schwartz, Walker, Bennett, Schowalter, Van Buskirk, Fehring. THIRD ROW: Abendschien, Ransom, McDowell, Daugherty, Schmidt, McCoid, Radford, Cochran, Knecht, Rousseau, Elsner, Fahs, Knight. SECOND ROW: Gregg, Ost, Brown, Erskine, Mueller, Peek, Rekate, Martin, Springer, Patrick. FIRST ROW: Parks, Clifton, Koppel, Weingartner, Starke, Townsend, Heetfield.

*Incumbents.*
*The beauty.*
*Try a square knot.*

# Alpha Phí Omega

OFFICERS

| | |
|---|---|
| President | Robert Erskine |
| Vice-President | George Gregg |
| Treasurer | Stuart Brown |
| Secretary | James Rousseau |
| Historian | Peter Koppel |
| Sergeant-at-Arms | Robert Starke |
| Senior Faculty Advisor | Prof. C. H. Black |

The Beta Omicron Chapter of Alpha Phi Omega Fraternity was founded March 12, 1939. The purpose of this organization is to assemble men in the fellowship of the Scout Oath and Law, to develop friendship, and to promote service to humanity.

A.P.O. sponsors the annual Beauty and Beast Contest and Dance. It promotes the "Keep Off the Grass" campaign, and provides ushers for various school functions. Each year A.P.O. distributes desk size blotters to all students. A.P.O.'s newest project is the A.P.O. Student Lounge in the old power plant.

# Glee Club

BACK ROW: Da Silva, Weber, Bruce, Tubielewicz, Sobie, Schwab, Hamman, Casselman, Boyd, Dixon. FRONT ROW: Rodden, Drago, McNichols, Graser, Prof. Black, Remington Wundrack.

OFFICERS

President.....William Wundrack
Secretary-Treasurer .....Chas. Remington
Librarian.....T. E. Boyd

The Glee Club is an organization created for students who find fellowship in good song. The aim of these men is to add a cultural touch to our technical environment.

The group is sponsored by Prof. C. H. Black of the Drawing Department and is very capably directed by Mrs. Black. The Glee Club sings all types of selections from the more classical and religious vein down through the novelty numbers and negro spirituals. The year's program has included a broadcast over KTTR, performance at several school functions, and the trips to Lindenwood and Stephens Colleges for concerts before enthusiastic female audiences.

# Interfraternity Council

OFFICERS

President.....Will Stoecker
Vice-President.....Ray Pickett
Secretary-Treasurer.....Jack Sullivan

STANDING: Mathews, Strubert, Gammon, Cady, Coolidge, Weber, Sullivan. SEATED: Stoecker, Schowalter, Otto, Pickett, Wright, Joffe.

The Interfraternity Council is composed of one member and an alternate from each fraternity. The Council interprets the Interfraternity rules and regulations and strives for harmony and cooperation among the fraternities.

The Council plans the social rushing and sponsors competitive programs among the fraternities such as the Interfraternity Sing, bridge and chess tournaments and awards the Scholarship cup.

# Alpha Epsilon Pi

ΑΕΠ

Alpha Epsilon Pi Fraternity was founded by a group of Jewish students attending New York University on November 7, 1913 and the organization has steadily grown since that time. There are now over thirty-six chapters throughout the United States.

The Nu Deuteron Chapter was founded at Missouri School of Mines in May of last year, and the organization has steadily grown since that time. The chapter is occupying a house at Twelfth and Pine streets, and although the fraternity is new compared to other fraternities on this campus, it has steadily grown since its founding and the members have taken an active interest in campus activities. The group has been active in intramural sports and has held several social events for the Jewish students on the campus. A great deal of work has been done in remodeling their house, and it looks as if Alpha Epsilon Pi is well on its way to establishing itself firmly among the fraternities at M.S.M.

*Mutual admiration.*
*Liberal education.*
*Scratch sheet artist.* *Big day ahead*
*"What's trumps?"*

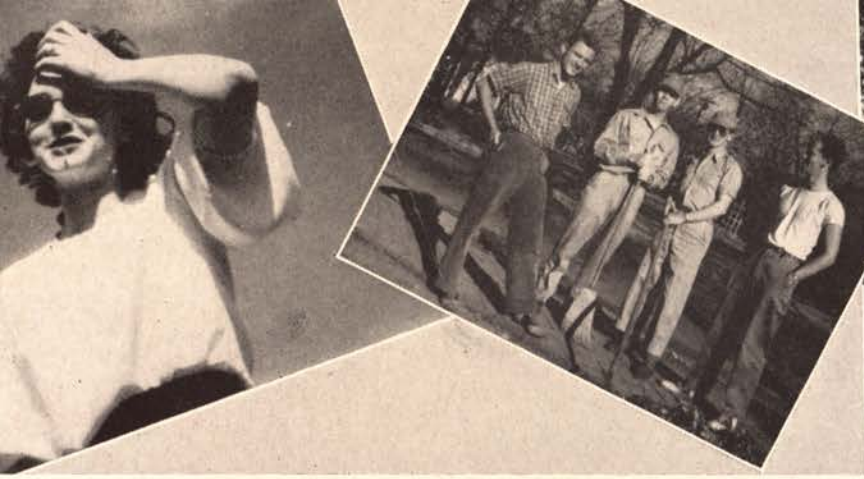
# Fraternity

OFFICERS

Master ..... Seymour Rosenbaum
Lt.-Master ..... Leslie Marcus
Scribe ..... Martin Tischler
Exchequer ..... Irving Falk
House Manager ..... Paul Kram
Sergeant-at-Arms ..... Stanley Zirinsky
Member at Large ..... Pete Reisner
Faculty Advisers ..... Leon Hershkowitz, Morris Fine, C. W. Eshbaugh

*"Ain't he cute!"*

REAR ROW: Rosenbaum, Fine, Cohen, Reisner, Stein, Falk, Siegle, Levey. CENTER ROW: Megeff, S. Fine, Joffe, Gelfond, Sentoria, Holtzman, Agron. FIRST ROW: Tischler, Fox, Kram, Marcus, Kaplan, Spanier, Zirinsky. Missing from picture: Martin Fine, Levine, Elbaum.



*"How did I get here?"*



*Don't stop now, boys.*

*I'm excited.*

*Just restin'.*

# Kappa Alpha Fraternity

OFFICERS

| | |
|---|---|
| President | Joseph Miazga |
| Vice-President | W. A. Siegel |
| Secretary | J. H. Fuqua |
| Corresponding Secretary | F. M. Springer |
| Historian | R. E. Johnston, Jr. |
| Treasurer | Douglas Castleberry |
| Steward | Don Schmidt |
| House Manager | J. H. Fuqua |
| Alumni Advisor | C. Y. Clayton |
| Faculty Advisor | Karl M. Moulder |

*Open House.*

*Mr. and Mrs.*

*Room for one more.*

*Patient athlete.*

*Southern Miners.*

Kappa Alpha was founded at Washington College (now Washington and Lee) in 1865, Beta Alpha Chapter being established at Missouri School of Mines on April 27, 1903. Since that time, Kappa Alpha has been very active on the campus of M.S.M., especially with respect to extra-curricula activities.

During the summer of 1947 the chapter purchased their own chapter house, which they now occupy at 1311 State Street. The actives have worked very hard remodeling the house, besides engaging in the usual social events. In the latter category, the KA's presented their annual pledge dance in the fall; celebrated the birthday of Robert E. Lee, the spiritual founder of the fraternity, on January 19; and held their annual formal in the spring. Kappa Alpha has also been very active in intramural sports and other campus activities.

BACK ROW: Sessen, Ryan, Browngard, Peterson, Weber, Driscoll, Parkinson, Siegel, Fuqua. THIRD ROW: Castleberry, Anderson, Magruder, Smart, Ballman, Kracht, Schowengerdt, Ramsey, Ehrler. SECOND ROW: McPheeters, Reider, Schweder, Beyer, D. Schmidt, E. Schmidt, Johnston, Miazga. FRONT ROW: Hogan, Blankenmeister, Subitzky, Springer, Dunn, Carlson.

# Kappa Sigma

| OFFICERS: | FALL | SPRING |
|---|---|---|
| President | R. Hackman | G. Raymer |
| Vice-President | R. Yochum | R. Padfield |
| Secretary | R. Marting | R. Knauer |
| Treasurer | J. Baker | E. Telthorst |

TOP ROW: Yochum, Miller, Firman, Helm, Lloyd, Olfe, Alverez, Kuder, Clooney, Bachman, White, Casselman, Marting, Horton, Knauer, Thaller, Snyder, Kaller. FOURTH ROW: Duke, Tapperson, Bay, Sullivan, Griesedieck, McGillan, Merritt, Shourd, Koch, Moyle, Reed, Scholz, Futo, McGowen, Ecklund, Juenger. THIRD ROW: Jackson, Steinmeyer, Turner, Padfield, Mabie, Thompson, Hackel, Bachman, Raymer, Schirmer, Baker, Hackman. SECOND ROW: Hobelman, Vogler, E. Telthorst, H. Telthorst, Hoehn, Crosby, Smith, Wilman. FIRST ROW: Goodenough, Krath, DeWoody, St. Germain, Doss, J. Smith, Ashley, Bolanovich, DiPrimo, Knecht. Missing from picture: Gammon, Frank.

# Fraternity

Kappa Sigma was founded at the University of Virginia on December 10, 1869. Since receiving its charter November 5, 1903, the Beta Chi chapter has been very active on the campus. It has been out in front in intramural sports in the past few years, and its dances are the talk of the campus "socialites".

The strong Kappa Sig softball team came through with a fast finish to win the softball championship and also clinch the race for the intramural championship trophy last year. With only two members of last year's championship team gone, the team hopes to repeat this year. The Kappa Sig nine showed well in football this year, going into the finals undefeated, but emerging in second place. In basketball, another of the major sports, Kappa Sigma came out with a record of 10-1 and the championship. Ping-pong doubles and boxing are other sports that have been taken by Kappa Sigma so far this year.

The activity in sports cannot overshadow the social affairs of the fraternity. The two biggest affairs at the Kappa Sig house are their annual Pledge Formal and Kostume Karnival. Highly decorative and very unique is the annual Kostume Karnival, which is one of the best of the year. Improving from year to year, the last topped them all with the addition of a "fun house".

The choral group from the house made a great showing at the Interfraternity Sing to capture the highest honors and add a beautiful plaque to the house.

*Pretty eyes.*

*The outdoor type.*

*Sultan.*

*Mamma Hoehn.*

*Amigo!!*

*Kiddies.*

# Lambda Chi Alpha

*Pledge week.* *"What's on at the Ritz?"*

*Sunday best.* *"Duke."*

*Willie's Warblers.* *Social butterflies.*

*Joe, Billy and Marge.* *"Have you heard this one?"*

*"Now I'd trump his ace."*

The Lambda Chi's of Rolla are known officially as Alpha Delta Zeta (chapter) of Lambda Chi Alpha Fraternity—but more affectionately around the campus as just "The boys from the Little Red Playhouse".

Our 80-year-old structure dominates an entire city block—standing alone in its center like a historic monument to the "Old Mid-West". It is due both to the appearance of this three stories of quiverin' red brick, and to the frequency of the festivities within, that have caused us to be dubbed by this affectionate alias.

The inherent comfortableness of our aged dwelling is enhanced by two unwritten traditions. One is that of keeping a big dog as a mascot (since 1945 it has been "Olaf", a tiger-striped Great Dane). The second—a very gratifying reputation of being known as the friendliest bunch on the campus.

And—as all good Rollamo articles must read—we're looking forward to another fulfilling year—a new year, which, although it will be carried out with an entirely different group of fellows, will, nonetheless, be guided by those same ideals that put us where we are today.

# Fraternity

OFFICERS

President.....S. R. Hrach
Vice-President.....D. L. Griesedieck
Secretary.....C. A. Tyrer
Treasurer.....G. W. Jamieson

*"Let's go back!"*

BACK ROW: Beverage, R. H. Walker, Schuster. FOURTH ROW: Bourchier, Mahoney, Gray, McClary, G. Hoffman, Gerecke, K. Niewoehner, Chapman, Gokenbach, Culmo, Feiner, Dintleman, Sindelar, Bishop. THIRD ROW: French, Remington, Webster, Stein, Neidel, Jamieson, Holmes, Stadelhoefer, Morris, Heineck, Allen, Dieringer, Wisdom, R. Niewoehner, Buterbaugh. SECOND ROW: Isbell, A. Hoffman, Billy, Griesedieck, R. A. Walker, Reilly, Hrach, Tyrer, Moeller, Younghaus. FRONT ROW: Stoecker, Rock, Knopp, Klaber, Downey, Masterson, Turner, Allbaugh, Poppitz, Knueppel, Brauer.

*News from the big city.*

*Second floor "session".*

*Talented Gus!*

# Pi Kappa Alpha Fraternity

| OFFICERS | FALL SEMESTER | SPRING SEMESTER |
|---|---|---|
| President | T. R. Wolfarth | J. Ratcliff |
| Vice-President | J. W. Billard | S. Johnsen |
| Treasurer | R. Hunt | D. Grimm |
| Secretary | R. Rutledge | W. Horst |
| House Manager | B. Wagner | J. Huffer |

*John's bedtime stories.*

*Pals of the Garnet and Gold.*

*Bob guns at midnight.*

*Night life in the dungeon.*

Alpha Kappa Chapter of Pi Kappa Alpha has been active on the Missouri School of Mines campus for a long time, taking a leading part in intramural sports, social functions, and academic activities.

The house over by the golf course, reputedly M.S.M.'s most beautiful fraternity house, has, during the past year, received many improvements. The living room now sports new furnishings and in the rest of the rooms new color has been added in some manner. This molting is the direct result of the excellent administrations of T. R. Wolfarth and J. Ratcliff, presidents for the fall and spring semesters, respectively.

The social activities for the past year started off with the annual smoker which was attended by alumni, faculty, and prominent town men. Refreshments were served and some fancy entertainment was rendered by Mr. J. Lippincott, a magician from St. Louis. Three dances, the Pledge Dance, Winter Formal, and Spring Dance were held, and of course all the Brothers had their "Belle of the Ball" down for it.

BACK ROW: Wolf, Harder, Timbrook, Menzemer, Drake, R. Billard, Anderson, Castelli, Kreutzer, Brown, Powell, Timlin, Wood. FOURTH ROW: Riley, Ruenheck, Grimm, Kyburz, Gevecker, Peterson, Sinz, Bender, Rinehart, Collins, Davis, Bach. THIRD ROW: Jekel, Branson, Wetzel, Ratcliff, Hunt, Wolfarth, Rutledge, Wagner, Gollub, Sartorius, Cady. SECOND ROW: Wilson, J. Huffer, R. Huffer, Krainess, Gould, Tess, McNichols, Rixman, Choate. FRONT ROW: Buttrey, Davis, Schuchardt, Bruce, Smith, Herder, Horst.

# Sigma Nu

OFFICERS

| Fall Semester | | Spring Semester |
|---|---|---|
| Dave Petersen | Commander | Richard Howell |
| James Chaney | Lt. Commander | James Chaney |
| Robert Doelling | Treasurer | Richard Boaz |
| Joe Reiss | Recorder | James Fisher |

BACK ROW: Webster, Griffith, Kuse, Johnson, Bottermueller, DeBolt, Leaver, Meyer, Fisher, Anderson, McFadden, Moniak. FIFTH ROW: Painter, Dean, Theerman, Glaves, Mattes, H. Anderson, Weinel, Pounds, Bermel, Uriwal, Thrall, Jenkins, Boaz. FOURTH ROW: Ross, Moeller, Dempsey, Doelling, Petersen, Chaney, Reiss, Zerweck, Bennett. THIRD ROW: Schaeffer, Thielker, Lenox, McColgin, Wittman, Quinn, Tarantola, Fleher, Henderson. SECOND ROW: Rucker, East, Howell, Anton, Cook, Houk, Pickett, Canning. FRONT ROW: Guth, Barnes, Vark, Spackler, Eric (the dog), Young, Bullock, Holtgrieve, Hollmann. Those not present: Grant, D. Young, Kemper, Mann.

# Fraternity

Gamma Xi of Sigma Nu, since its founding in 1903 as the first National Fraternity Chapter on the Missouri School of Mines campus, has taken great pride in its record of being one of the perennial leaders in all forms of campus activities. Many of the alumni, as undergraduates, were actively responsible in the origin of many of the organizations on the campus, just as members of the chapter since that time have been active campus leaders.

Socially, Sigma Nu's traditional dances and similar functions are outstanding and well-remembered by those who attend. Early in the Fall was the annual Pledge Dance, followed by the Winter Formal at Christmas time. The Spring Formal was held in May and, of course, all M.S.M. alumni had many a tale to tell at the Sigma Nu Tea Dance held the Saturday afternoon of St. Pat's week-end.

Gamma Xi survived the turbulent war years, including the destruction by fire of the Chapter house, in good shape, maintaining its traditional activities and place in campus affairs. Though the house has been repaired, the future "ideal" Sigma Nu house has passed the dream stage and plans for it are now well under way.

*Ambush.*
*Little Red Riding Hood.*
*A quiet foursome.*
*"Shall we dance?"*
*Snakehouse rumpus.*

# Sigma Phi Epsilon

*Sig Ep pep.*

*There's Yo Yo!* — *Hoarder.*

*Five aces.* — *Lester's mad.*

*KTTR Star.* — *Stag Party.*

*Tom's morning after.* — *Me, me, me me me!*

*Down homers.*

The Missouri Gamma Chapter of Sigma Phi Epsilon celebrated its first year on the campus May 10, 1948. The opening months of the fall semester were spent in painting, repairing, and polishing the big white house at 401 East 7th Street, which the fraternity took possession of on September 1.

Main social events of the year were an open-house "Housewarming Dance" on November 8, and the traditional "Sig Ep Sweetheart" formal on St. Valentine's Day, February 14. Another proud achievement was the organization, in conjunction with Sigma Nu and Sigma Pi, of a Christmas party at which 67 Rolla children were entertained and received gifts from Santa.

The Chapter bids a fond farewell to its first graduates. Don Detjen, Don Reinert, Charles Browning, Larry Botkin, and Bob Day leave in June; and Charles Johnson and Jim Miller receive their degrees in August.

# Fraternity

| OFFICERS | FALL | SPRING |
|---|---|---|
| President | Don W. Detjen | Ralph E. Showalter |
| Vice-President | Chas. M. Browning | Thomas P. Wirfs |
| Comptroller | Albrose J. Hudson | Robert J. Cronk |
| Secretary | John F. Stephens | Howard E. Lester |
| Historian | Thomas P. Wirfs | Wm. M. Shepard |
| Guard | Donald O. Reinert | Arthur J. Shaver |
| Senior Marshal | Galen J. Hesler | |
| Junior Marshal | Howard E. Lester | Eugene W. Warren |
| Faculty Advisor | John W. Hammann | |

*Overlooking the Calculus.*

REAR ROW: Danz, Forman, Voiles, Roemerman, Telthorst, Witherspoon, Cronk, Hesler, Shepard, Warren. THIRD ROW: Stone, Davidson, Miller, Johnson, Manocchio, Floyd, Botkin, Krautschneider, Normann. SECOND ROW: Hudson, Browning, Reinert, Wirfs, Detjen, Stephens, Lester, Schowalter. FIRST ROW: White, Shaver, Hammann, Heyl, Day, MacDonald. Missing from picture: East, Eldridge, Fannin, Fichen, Fitzpatrick, Flores, Kopper, McClinton, O'Brien, Sanders, Schuenemeyer, Wilkinson.

*Waiting for a streetcar?*

*Handicapped chow hounds.*

*WE'RE Sigma Pi's!*

# Sigma Pi Fraternity

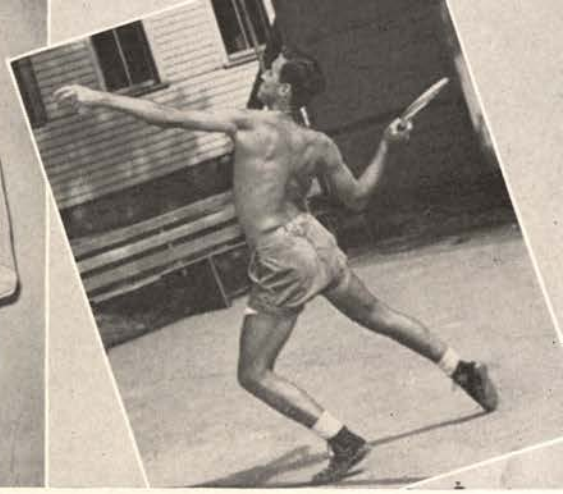
| OFFICERS: | FALL | SPRING |
|---|---|---|
| Sage | James W. Logan | James W. Logan |
| First Counselor | L. Brant Robison | J. Ashby Coffman |
| Second Counselor | Fred G. Koenig | David W. Tittman |
| Third Counselor | Floyd W. Wright | Robert A. Isringhaus |
| Fourth Counselor | Karol A. Skedzeleski | William L. Mabrey |
| Herald | William H. Hiatt | Slave A. Eftimoff |
| Steward | Kay Huffstutler | Ted Dziemianowicz |

*Them were the days.*

*The politician.*

*Sunday suit.*

*The play boys.*



*Monty's Ballet.*

Alpha Iota Chapter of Sigma Pi Fraternity was established on the M.S.M. campus in May, 1933. Since then the Fraternity has flourished as an active leader in campus and extra-curricular activities, rising to great heights on occasions to exhibit its prowess in consumption of that "golden nectar". To highlight the pig-skin season Theta Kappa Phi willingly supplied the "liquid refreshment" after a devastating tussle on the fabulous gridiron.

To climax the fall social activities, the chapter staged its annual "Gay Nineties" dance, sparked by much facial adornment on the men and the old "new" look, complete with bustle, on the ladies.

Christmas, as always, found good St. Nick paying his yearly visit to Sigma Pi with his well-stocked bag of the usual expensive gifts and his latest poetic accomplishments. Even our St. Louis "yo-yo's" were on hand to welcome him.

During the year much has been done to improve the chapter house. In preparation for the St. Pat's celebration extensive interior and exterior redecoration was undertaken.

REAR ROW: Eftimoff, Hagan, Hentchel, Funk, Mabrey, Hepp, Kelly, Tittman, Huffstutler, Speak, Hecquembourg. THIRD ROW: McCombs, Wehking, Aldag, Kueser, Dziemianowicz, Ferry, Barker, Eck, Eadie, Hay, SECOND ROW: Isringhaus, Robison, Straughan, Logan, Koenig, Coffman, Winn, Montgomery. FIRST ROW: Franklin, Skedzeleski, Wright, Eckert, Brown, Hiatt, Peppers. Missing from the picture: Rudert.

# Tau Kappa Epsilon Fraternity

*"Teke" tea party.*

| OFFICERS | FALL | SPRING |
|---|---|---|
| President | L. Youngs | N. Niederstadt |
| Vice-President | N. Holme | J. Schaffrodt |
| Secretary | R. Frazier | E. Sieckman |
| Treasurer | A. Klemme | S. Scales |
| Historian | F. Winters | R. Eggeman |
| Sergeant-at-Arms | S. Riviello | W. Weinstein |
| Scholastic Officer | S. Scales | R. Niederstadt |
| Pledgemaster | R. Shroyer | C. Palubiak |
| Faculty Advisor | E. J. Randolph | |

ASSOCIATE MEMBERS:

Curtis Laws Wilson, David Mitchell, John Hill,
Smith Gaddy, Paul Evans.

*What, no beer?*

*"See no, Hear no, Speak no."*

REAR ROW: Da Silva, Lundby, Weinstein, Whitmer, Meier, Hetherington, Krause, Smith, Randolph, Greer, Burke. SECOND ROW: Bollwerk, West, R. Neiderstadt, Kuhlman, Armstrong, N. Neiderstadt, Eggemann, Palubiak, Needham, McDonald. FIRST ROW: Jare, Scales, Riviello, Youngs, Klemme, Frazier, Holme, Winters, Da Silva, Townsend.

The lack of a house limited Teke's social activities on the campus this year. There were two outstanding social events. The Spring Outing was held at Meramec Springs. Amid barrels of potato salad, pounds of hot dogs, and cases of thirst-quenching beverages(??) everyone had a fine time. Even those few who went swimming in the spring enjoyed it.

Last fall, dates from cities and towns far and wide were down for our Red Carnation Dance, a semi-formal dinner dance held at the Pennant. Dinner was served to members, their dates, and invited guests. Charlie Faulkner's band provided dancing till the wee hours of the morning.

In December Teke bought a house at 1107 State St. It was occupied on the first of April this year.

*Some dish!*

*Girls for dinner.*

*Aw, quit posing!*

# Theta Kappa Phi

*Homework.*
*Big Ed.*
*Fierce Pirates.*
*Genial Jim.* *Serenade.*
*Something rare.*

The 1947-48 school year at Mu Chapter of Theta Kappa Phi was off to a sprinter's start in early summer when the 13th National Convention of the Fraternity met in Rolla. The National Efficiency Award of the Fraternity was presented to our Rolla Chapter at this conclave.

Religiously, the Catholic Fraternity took advantage of all the services offered by St. Patrick's Parish. The fall Mission, monthly Study Club lectures and Communion Masses became standard Chapter activities.

The social events—dances, beer busts, and parties occurred with alarming frequency. The biggest social adventure of the year was the winter "Pirate Party" and "Graduation Dance". Elaborate preparations were made. The pledge class adopted a resolution that . . . "All pledges who are physically capable will grow beards for the Pirate Party."

About fifty members and pledges were in the organization during the year. Nine new members were initiated in February, and eleven others left the fold by the sheepskin method during the year. These graduates will be missed by the Chapter for they were wise in the ways of Fraternity management, and have contributed much to the success of Mu Chapter of Theta Kappa Phi.

# Fraternity

OFFICERS

President.....James Hoelscher
Vice-President.....Joseph Strubert
Treasurer.....Walter Janczewski
Secretary.....William Weismantel
Steward.....Robert Buel
Pledge Manager.....James McGrath
Historian.....Ed Mooney
Sergeant-at-Arms.....Al Higgins

*The "Tiger."*

FIFTH ROW: Duffner, Hennessey, Rafalowski, Brice, Born, Bossert, Herrmann, Deghuee, Cardetti, Bentrup, Cowan, Wisch. FOURTH ROW: Maurer, Theiss, Sontag, Suren, Van Buskirk, Fiorita, Fitzgibbons, Mace, Meiners, Oldenburg, Feltmann, Voganthaler, Delaney. THIRD ROW: Mathews, Schmidt, Buel, McGrath, Weismantel, Hoelscher, Strubert, Janczewski, Higgins, Leahy. SECOND ROW: Allen, Rauch, Stegemeier, Murphy, Mooney, Becker, Ferreira, Casey. FIRST ROW: Markway, Dampf, Greco, Baerveldt, Morlock, Zwirbla, Warner. Missing from picture: Kaempf, Knittle, Murney, Mittino, Barmeier.

*Shotgun marriage.*
*Hot cinders!*

*Ugh!*
*Rummy?*

*"You don't say . . ."*
*Two-point man.*

# Triangle Fraternity

OFFICERS

President.....Robert O. Gregory
Vice-President.....William H. Coolidge
Corresponding Secretary.....William J. Main
Recording Secretary.....Thomas B. Long
Treasurer.....Henry P. Whaley
Editor.....Harold C. Brehe

*Cigars.*

*Relaxing.*
*Saturday night.*

*Harmony.*

*Dancing?*

*Trio.*

*Working.*

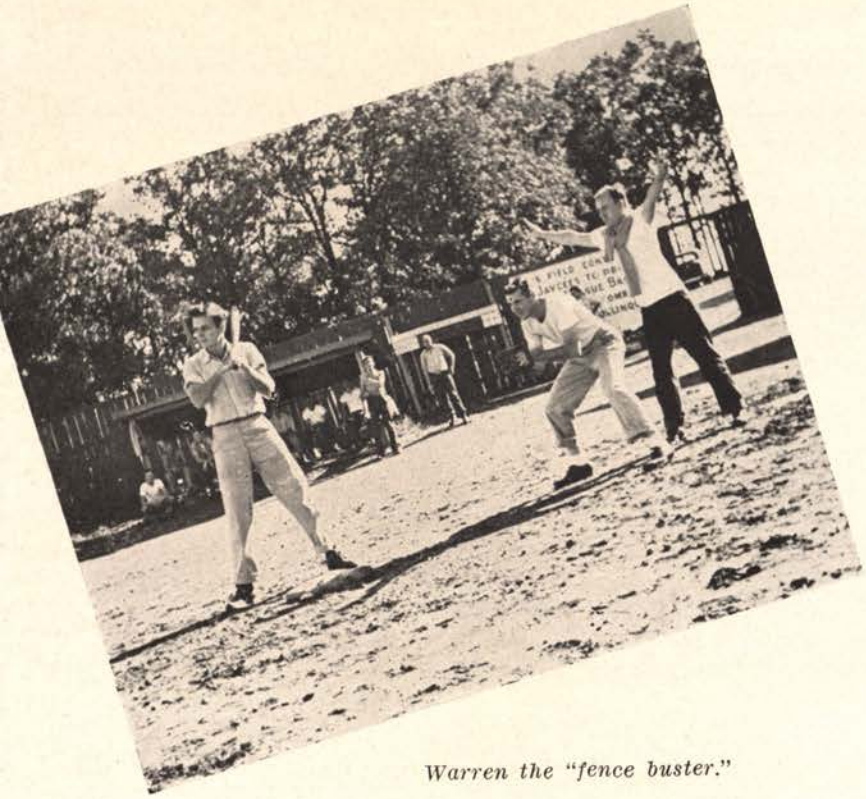
On December 10, 1927 the Missouri Mines Chapter of Triangle Fraternity was activated and since that date has been witness to many great events on the campus. This past year, with the perfect combination of a swell bunch of fellows and a wonderful fraternal spirit, we consider the best yet. Two successful dances, along with many other good times, served to relieve the humdrum routine of school and instilled an esprit-de-corps which exceeded anything in the 21 foregoing years of the Chapter's existence.

The field of extra-curricular activity shook resoundingly as the Triangle men made their presence felt and the "ole college try" was very apparent in every field.

We know that in the succeeding years the Missouri Mines Chapter of Triangle Fraternity will continue to live up to its established reputation and will ever strive to exceed the goals attained this year. We congratulate our graduating seniors, who have helped to broaden the success and advancement of the fraternity.

BACK ROW: Crossman, LaRose, Deso, Landy, Jamboretz, Kortjohn, Huber, Stinson, Petersen, Salvo. FOURTH ROW: Maddox, McCallister, Crosby, Pippert, Kaiser, Perry, Evans, Boschert, Fields, Mattlage, Siracusa, Emo. THIRD ROW: Williams, Pantaleo, Otto, Whaley, Gregory, Coolidge, Vaccaro, Brehe, N. Dowling. SECOND ROW: Long, Commerford, Wibbing, Schmitt, Schrader, D. Dowling, Reed, Pyle. FIRST ROW: Main, Ditore, Acheson, Merkle.

# Chi Sigma



*Warren the "fence buster."*

OFFICERS

President.....Leonard Kane
Vice-President.....Thomas Banfield
Secretary.....Roger Brooks
Treasurer.....Blake Caldwell
Historian.....John W. Shute

THIRD ROW: Kruse, Banfield, Ferguson, Boyd, Tate, Coolbaugh, Gillen, Warren, Born. SECOND ROW: Dixon, Simpkin, Kane, Shute, Frankenberg, Ogg, Tone, Doll, Hession. FIRST ROW: Bruer, Bounds, Gregory, Moscari, Tankersley, Caldwell, Blancke, Grooks, Bullock. Missing from picture: Wees, Wolcheck, Toomey.

# Fraternity

The Chi Sigma Fraternity was organized November 5, 1946, under the guidance of Professor E. Carlton, with the ultimate goal of bringing a chapter of Sigma Chi to the M.S.M. campus in the very near future.

With the struggle of organization little effort was given to other activities last year; however, with thirteen pledges the fall semester of 1947 found the fraternity capable of participating energetically in the sports program.

One of last year's high spots was in entertaining the St. Louis Sigma Chi Alumni Association, and obtaining their support of our local fraternity.

*Totem Pole.*

*Memorial.*

*The Skipper speaks!*

*Forgetful.*

*Soak.*

*Champ Bounds.*

*Ouch.*

*Anyone have the time?*

# Engineers

*Officers' mess.*

*Forbes and Sis serving.*

*Hard-working crew.* *Final week.*

*Waiting for chow call.* *Buddies.*

The Engineers Club has been organized here on the campus for many years. At the present time about 115 students eat at the club and many more wish to join but there is not enough space in the club building. The present club is a merger of the old Tech Club and the Engineers Club.

Besides the highest possible standard of living, the club tries to provide participation in intramural sports, promote an interest in campus organizations, and enrich student relationships.

In intramurals, the club was active in golf, swimming, basketball, football, and the rifle team in the past year. A Student Council representative is elected each year. The Engineers Club joined the Student Co-op Grocery and has realized benefit from this association.

# Club

OFFICERS

President.....Raymond J. Juergens, Jr.
Business Manager.....O. H. Stohldrier
Secretary-Treasurer.....R. E. Reichelt

BOARD OF CONTROL

J. D. Kelley — H. D. Ross
J. H. Osborne — W. A. Wundrack

*Members "in action."*

FOURTH ROW: Rustenbeck, Weiss, Coffelt. THIRD ROW: Wundrack, Moe, Carroll, Haley, Trace, Dieckman, McElhiney, Sueme, Stifel, Owens, Wagner, Tucker, Duerr, Miller, Withrow. SECOND ROW: Sopp, Aubuchon, Ostmann, Mallon, Fliehman, Foster, Maguire, Hudson, Hughes, Juergens, Deichmann, Perino, Maag, Stohldrier. FIRST ROW: George, Masashi, Sydnor, Ray, Henry, Komoto, Schuler, Osborne, Ross, Losco, Romine, R. George.

# Occasions

When, after five days of study and classes, the weekend finally comes our frustrated Miner doesn't know if he should rest or try to catch up. But the eternal monotony of it all is broken now and then by what we call the OCCASIONS. These events, which may be any form of escape from a beer bust to a formal, serve as the spice to our educational soup.

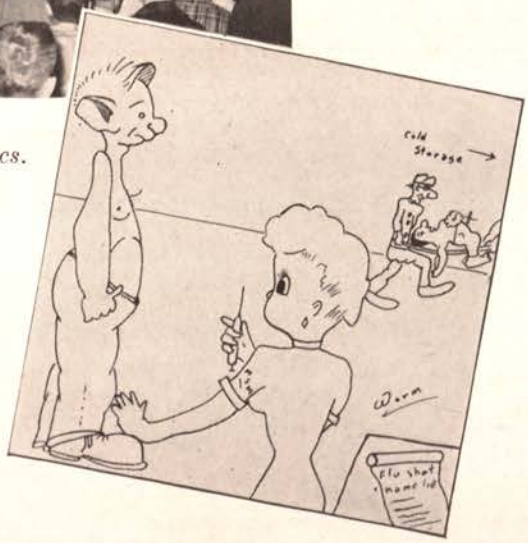
For what else but a true OCCASION can provide an excuse for inviting fair ladies to our Sylvan Stagland?

# Chronology

*Room—$15 per month.*

*Parents' Day.*

*Pyromaniacs.*



*Fall registration.*

SEPTEMBER

Ooohhhhh! What a summer . . . here we go again.

Ol' Mother Hubbard's cupboard full . . . 2632 mistakes sign up.

Lazy summer . . . fast women . . . many Miners take THAT step.

Billikens smother Miners, 61-0 . . . Miners head back to Ozarks.

Miners display poor sportsmanship . . . smash town . . . smash reputation.

Not bad enough . . . Student Council reorganizes . . . Miners disinterested.

Greenbacks tempt Prof. Schooler away . . . Miners disappointed.

Profs pour on coal . . . midnight oil stock jumps up.

Frats wiggle finger . . . Frosh jump.

Housing situation normal . . . some furnished rooms have beds.

Klondike Ferreira back from Alaska . . . broke . . . Geology Department brokenhearted.

OCTOBER

No free beer or cigars yet . . . Miners go wanting.

Miners hungry . . . plan Co-op . . . local merchants sweat.

Little Red House throws first dance . . . some members RED later.

Miners in form before Miss America . . . lose to Memphis, 13-0.

Wilson stands in exit . . . asks for discipline.

APO's looking for members . . . throw smoker and build trap.

Miners show life . . . defeat Mules, 14-7.

Snake House throws "Pledge Dance" . . . members take "pledge" later.

PiKA's have party . . . some members throw pins . . . cigars throw others.

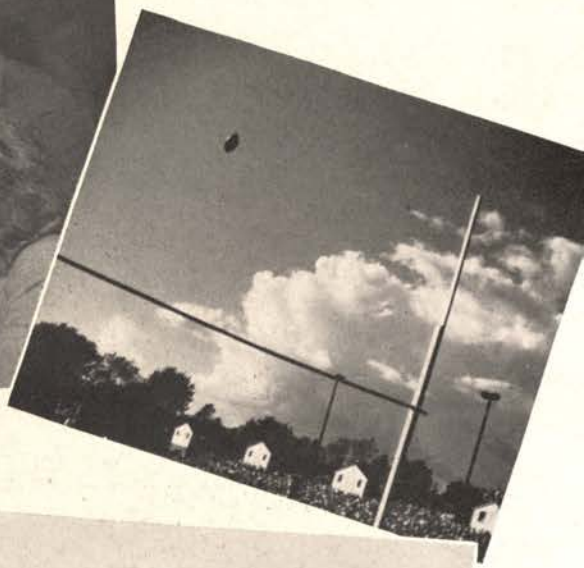
Miners blast Kirksville, 25-6 . . . show new power.

Station KTTR begins vibrating . . . "Keep Traveling Through Rolla," quips local wit.

Miner Band receives new uniforms . . . same music.

Varsity Basketball hopefuls mustered at Blue Room.

Miners look to future . . . Professional Engineering Convention here . . . future looks dark.



*Homecoming greeters.*

NOVEMBER

Homecoming again . . . same tall stories . . . same small beers.

Flu shots start . . . Miner bravery tested.

"Hammer Thrower" nips finger . . . now just hammers.

Miners lose to Springfield, 14-7 . . . celebrate anyway.

Glee Club looking for frog in the bass section.

John Hake, senior, dies of heart attack.

Miners scalp Cape, 47-19 . . . picking up speed.

Morlock pulls fast one . . . gets "M" Club intramural award.

Cape opens door . . . Miners grab MIAA crown . . . demand holiday.

Miner tankmen get wet . . . water finally warm enough.

Still no free beer or cigars . . . Miners curious.

Local merchants go loco . . . Co-op opens . . . rakes in $1800 first day.

DECEMBER

Boys in Sammy's forces choose Annette Elmore Honorary Colonel.

Interfraternity sing aired . . . auditorium then fumigated.

"Players" give comedy . . . Miners roll in aisle . . . ushers take dice.

"Uptown" Carney finds good picture . . . prices skyrocket.

Snake House has Winter Formal . . . some still in deep freeze.

Gay Nineties dance a failure . . . old line won't work, either.

Cagers close eyes . . . take opener from Harris, 66-33.

Grunting M. E. profs win bowling . . . now bullying classes.

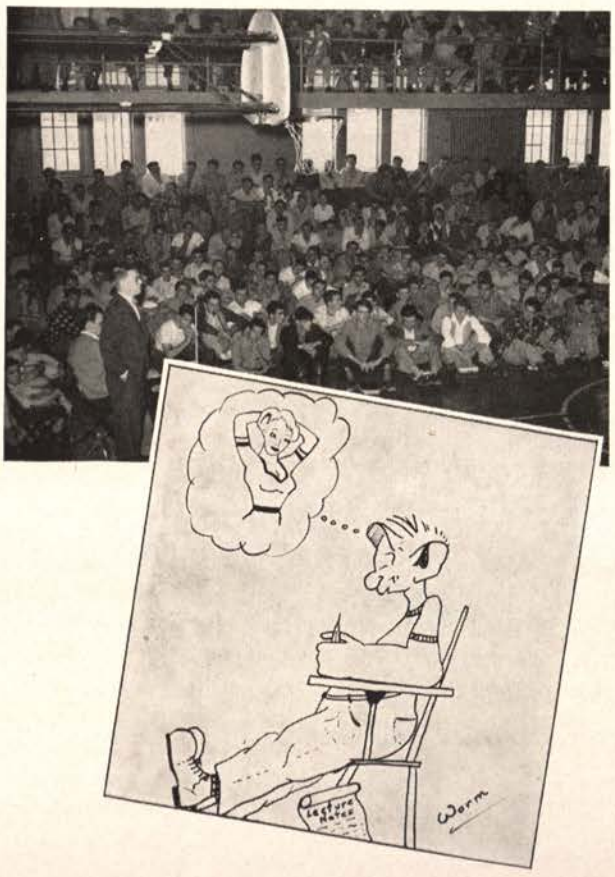
Civils encouraged . . . Sanitation Engineer predicts great future.

Cagers split games . . . hot and cold as the suds flow.

Free beer and cigars missing yet . . . Miners doubtful.

*Co-op opens.*

*The "chat."*




## JANUARY

New Year . . . old headaches . . . new resolution.

Two-week vacation . . . happy Miners trudge back to salt mines.

Leap Year . . . Miners hoping to be leaped at.

Miner resolves: Stop chasing coeds on Campus . . . mental case.

Free beer rumor causes near riot.

Magic Mulholland mystifies Miners.

Joffee writes annual letter to MINER.

Theta Kap Pirate Party fine . . . Lady Buccaneers steal show.

Nervous, crib-loaded Miners ready for finals.

## FEBRUARY

Parker Hall counts grade points . . . Bullman looks for new Miler.

Annual B & B fuss . . . Rex Williams seeks "Monty and Lil" sponsor.

Religious Week a success . . . many return empty beer bottles.

Stupid Council Membership discussed . . . "Politics!" scream Independents.

Cagers still hot and cold . . . Hafeli still smiling.

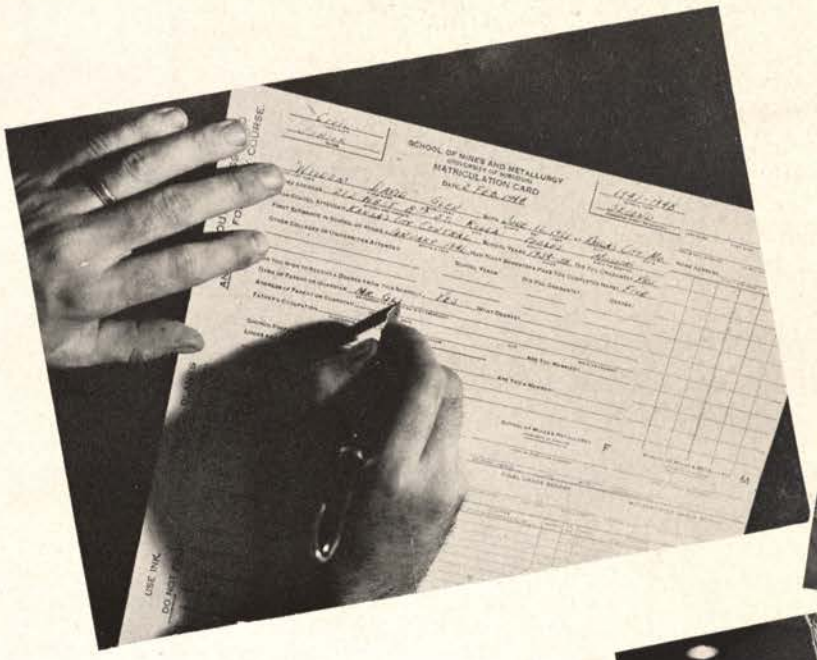
Sig Eps throw smoker . . . Reinert just smokes.

Frats hold elections . . . El Ropeos appear . . . Miners disappear.

Miner tankmen water-logged . . . drop meet to Bills.

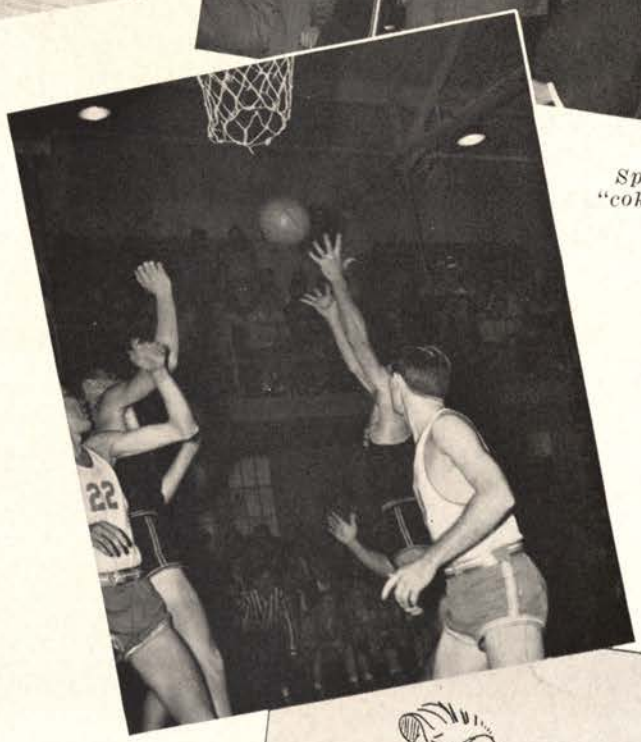
New football field planned . . . We're from Missouri.

# Chronology




*Registration routine.*

*Spring "coke bust."*



Sig Eps dance . . . Reinert still smoking.
Miners stunned . . . History added to requirements.
Blue Key has Smoker . . . no free cigars.
Vets' Guidance staff, etc., cut . . . Miners hope for less red tape.
Anyone seen any free beer and cigars?

MARCH

Work begins on Chem Building . . . skeptics claim mirage.
Glee Club attempts retaliation . . . "Murder"! they cried.
Vets go wild . . . increase in subsistence voted.
Holy landlords go wild . . . Miners' rent raised.
Cagers close season . . . "E" for effort.
Water clear and fast . . . Miner tankmen scuttle St. L. U.
Kieth Goodenough fatally injured in intramural bout.
Sue Gleason elected St. Pat's Queen.
Jim McGrath is St. Pat! . . . North St. Louis lace-curtain Irish celebrate.
Ted Weems supplies Miners with music . . . Miners supply dates with blarney.
Miners have murderous St. Pat's . . . dead Indians everywhere.

APRIL

Congress shows new interest in UMT, draft . . . Frosh show new interest in military, engineering.
A. F. A. installed . . . Clayton declared Honorary Furnace.
Gammon tells Willie Robinson joke thousandth time.
Miner thinclads break precedent . . . snag MIAA Indoor title.
MISSOURI MINER breaks precedent . . . prints printable joke.
Spring Football starts . . . Diehl's deserted.
Weismantel guarantees early ROLLAMOS.
Poppitz amazed . . . promises free beer and cigars!!!!

*Gay '48s!*

*End of a weekend.*

*Man ahoy!*

*Now smile.*

*A dance?*

*A queen?*

*A girl?*

*Rother!!!!*

*"There I was . . ."*

*Time out.*

*Hairless Joe.*

*No chairs.*

*One little Indian.*

*Granny and Pa.*

*Croix de Guerre.*

*Sinbad and the Loot.*

*They're married.*

*Jitterbugs.*

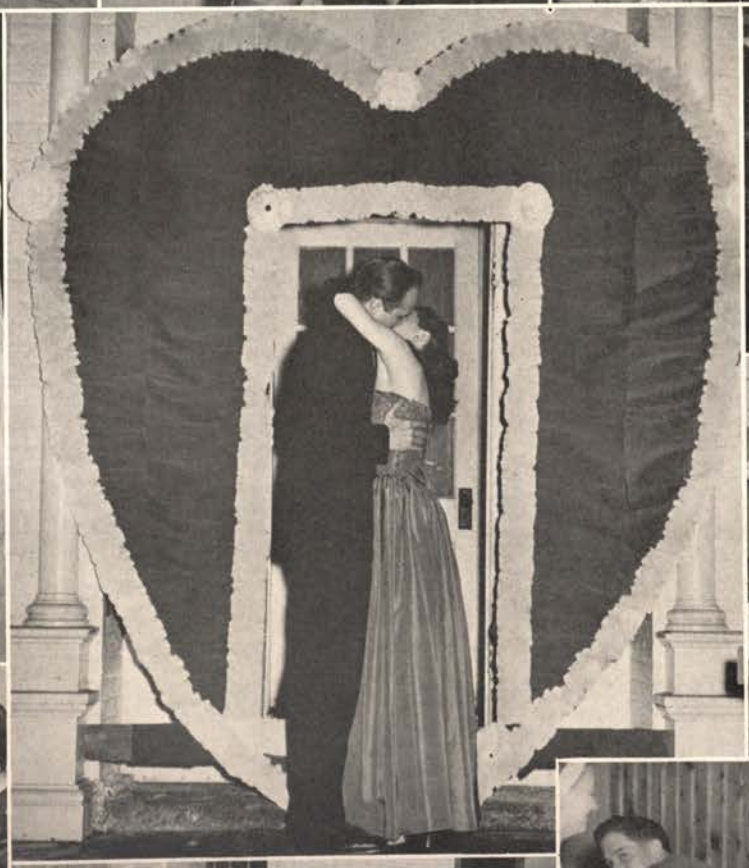
*The good old days.*

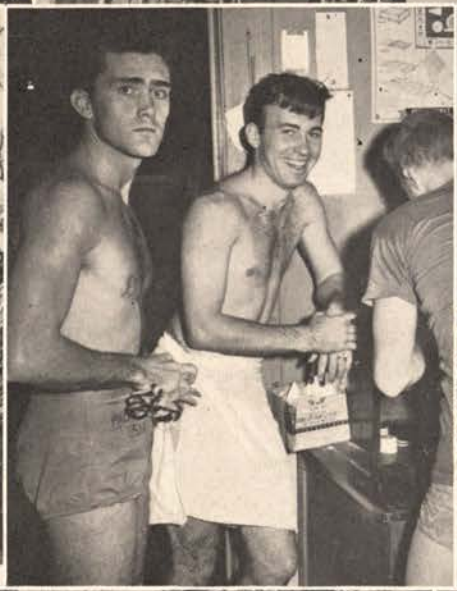
*Serious moment.*

*"Whose the filly?"*

*When the music stopped.*

*Molls.*





*Toot toot!*

*Harmony makers.*

*Big, isn't it?*

*He made it.*

*Dr. Middlebush.*

*Workin' out.*

*Summer softball.*

*Collective gradepoints.*

*First string.*

*Co-op Construction.*

*Ivory tickler.*

*Whadaya' say?*

*After a tough day at the office.*

*"Only six cents?"*

*Grey pill headquarters.*

*"Silent Night."*

*Student's view of prof.*

*"The play's the thing—"*

*Choir Champs.*

*Harris Annex.*

*More of Elmore.*

*Miners' energy.*

*Come back!*

*Detonator Chiefs.*

*Homecoming banquet.*

*September scrimmage.*

*Spectators.*

# BEGORRA! IT'S ST. PAT'S

The 1947-48 Miners do things in a big way . . . what a reception St. Patrick, Patron Saint of Engineers, got in Rolla this year! Hundreds of party-happy Miners and their dates greeted the Irish Elder as he rolled into the depot on that beautiful spring afternoon in March. His weekend stay in the Ozarks was eventful. Friday's program continued as St. Pat, cursing in melodious Gaelic, mounted his Manure Spreader and led the parade to Parker Hall. The Coronation of Miss Sue Gleason as St. Pat's Queen occurred that evening at the Masquerade Ball. On Saturday St. Pat and his followers, with faltering steps, attended the Sigma Nu Tea Dance in the afternoon and the Semi-Formal Dance at Jackling Gymnasium in the evening. Ted Weems provided the music for both evening dances.

On Sunday and Monday the Miners rested, assured that St. Pat was once more convinced of their loyalty and allegiance.

James Byrnes McGrath
St. Pat, 1948

*Miss Sue Gleason*

**Queen of Love and Beauty**

Rose Marie Storm
Theta Kappa Phi

Wanda Beyer
Kappa Alpha

Mary Ann Miles
Independents

Narmalee Wehner
Triangle

Lorene Underwood
Sigma Phi Epsilon

Doris Rexford
Tau Kappa Epsilon

Katie Kelahan
Sigma Pi

Alice Woodruff
Alpha Epsilon Pi

Annette Elmore
Lambda Chi Alpha

RT OF LOVE and
. 1948

Evelyn Baily
Independents

Margaret Ann Renwick
Sigma Nu

Iris Ruenheck
Pi Kappa Alpha

Frances Rosel
Kappa Sigma

THIRD ROW: Tyrer, Ditore, Zirinsky, Logan, Telthorst, McKelvey, Wetzel, Detjen, Padfield. SECOND ROW: Eggemann, Moe, Hollman, Brehe, Howell, Bowman, McGrath. FIRST ROW: Ehrler, Subitzky, Grimsley, Koenig, Collins.

# St. Pat's Board

OFFICERS

President.....Harold Brehe
Vice-President.....Jim Bowman
Secretary.....Dick Howell
Treasurer.....Mike Zwirbla
Assistant Treasurer.....Jim McGrath

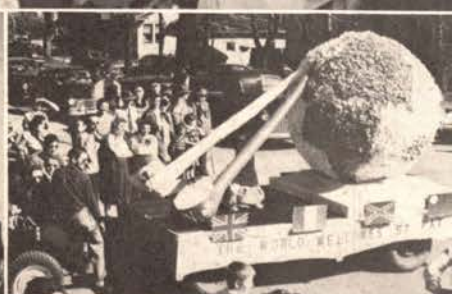
*Party planners.*

Every March the year's work of the St. Pat's Board reaches a rollicking climax as the day of the Engineers' Patron Saint arrives. "Joe Miner" deserts his books for a week-end of well deserved fun and relaxation as St. Pat has his annual reign.

The St. Pat's Board was organized in 1908 and ever since then has promoted various activities for the entertainment of the student body and to raise funds to help defray the expenses of the St. Pat's celebration.

Board members work diligently throughout the year to make this feté a cherished and long-remembered affair, as well as one of the most famous and unique of its kind on any campus.

Chi Sigma



# Acknowledgement

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The Professionals and Companies serving the ROLLAMO BOARD in producing this annual deserve our thanks and appreciation. Mr. Harry Swain, yearbook expert for the Central Engraving Company, applied his motto, "Better Yearbooks Through Planning", with sincere interest. The service and cooperation of the Central Engraving Company was a big factor in the book's early completion. We are grateful to Mr. Leo Painter and his staff at the Model Printing Company for the masterful print job, Mr. Paul Schenk and the Becktold Company for the fine covers and binding, and Mr. Grass and his employees at the Esquire Photo Studio for the excellent professional photography.

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EE Dept